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ABSTRACT

To determine factors influencing attrition and retention at Pennsylvania College of Technology, a survey was conducted of the 688 students who were enrolled in spring 1996 but neither graduated nor enrolled in fall 1996. Responses were received from 437 former students and were compared to findings from a similar survey of 482 leavers in 1994. Study findings included the following: (1) overall, the college had a retention rate of 72.5% in 1996, compared to 71.7% in 1994; (2) the retention rate for low-income students, however, was only 69%, while for minority students besides Asian Americans it was 63%; (3) approximately 30% of the leavers in both years had achieved their objectives, while their unemployment and graduation rates were comparable to graduates; (4) for both years, 17% cited personal or family reasons as their primary reason for leaving, 12% transferred, and 10% cited tuition and costs; (5) 1996 respondents rated their overall educational experience at 3 on a 4-point scale, down from 3.21 in a 1990 survey, while instructional quality was rated at 3.24; (6) 49.6% of the 1996 leavers found full-time employment, while only 5% were unemployed; and (7) the number of leavers who transferred was 28.6%, while approximately 38% of these had not originally planned to transfer. Extensive data tables are included. The survey instrument and cover letters are appended. Contains 13 references. (BCY)

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
OFFICE OF STRATEGIC
PLANNING AND RESEARCH
LEAVER SURVEY REPORT 1996
PUBLISHED AUGUST 1997

Office of Strategic Planning and Research

Pennsylvania College of Technology

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LEAVER SURVEY REPORT
1996

PENNSYLVANIA COLLEGE OF TECHNOLOGY
Office of Strategic Planning & Research

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
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LEAVER SURVEY REPORT - 1996

Author: Stephen Cunningham

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY REPORT
1996

EXECUTIVE SUMMARY

The factors and reasons involved in student attrition need to be understood in order to improve retention. This report presents results of the latest Leaver Survey, administered to Penn College students who do not graduate or persist from the Spring to Fall semester. Analysis of background information from the Leaver population (1407) and survey information from the respondents (909) produced the following major findings:

1) Attrition may be a growing problem in certain student segments, but not overall. Contrary to other declining retention measures, Spring-to-Fall retention has remained very consistent (near 72%).

2) Not all attrition is negative. Leavers are generally satisfied with the College; at least 30% attain their educational objectives; their unemployment rates and salaries are comparable to graduates; and 10% merely "stop-out", resuming their education at a later date.

3) Retention is significantly lower among traditionally under-served populations such as low-income students (69%) and minorities (63%).

4) Major changes in attrition during the past decade are related to age and geography. Previously lower than others, the retention rates of adults (75%) and local students (71%) now match or exceed others.

5) Retention depends largely on academic success and satisfaction. College GPA is the factor most strongly related to attrition. Academic advising (2.95[1]) and instructor interest (3.29) are highly rated by leavers, but much lower than graduates (3.09, 3.45, respectively). This suggests that students more satisfied with advising and instructor interest are more likely to graduate.

6) Encouraging greater use of counseling services could help improve retention. More students (26%) are now leaving due to personal or family problems than any other reason, and counseling services are highly rated by leavers (2.99), but used relatively infrequently (36% response rate, next to lowest of all college services).

7) Increased financial aid and scholarships should help retention because money problems have long been a major reason for leaving. Tuition costs have become less vital, suggesting many students consider the College worth the cost, if they could afford it. In addition, leaver financial aid ratings are high (2.93), but much lower than graduates (3.07), implying that students satisfied with financial aid are more likely to graduate.

Details about these and other results are found in the body of the report.

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[1] Rating scale of 1 (poor) to 4 (very good).

INTRODUCTION

This report presents results of the 1994 and 1996 surveys administered to non-returning students, or leavers, of the Pennsylvania College of Technology (Penn College). 1996 marks the eleventh time since 1983 that Penn College has conducted this study of student attrition.

Successful higher education institutions need effective strategies for retaining their students. To do so, student reasons for leaving college need to be identified and analyzed. In specific, the purposes of this survey are to:

1) present a composite profile of students who leave Penn College;
2) determine reasons why students leave Penn College;
3) determine the satisfaction level of non-returning students;
4) determine the occupational and educational status of students after leaving, including which colleges they transfer to;
5) examine ways to improve retention-related services;
6) contribute information to the program review process;
7) provide a data base for analysis of College attrition/retention.

In 1996, Penn College renewed its commitment to student retention by establishing a special Retention Committee. Thus, this year's Leaver Report takes on the added purpose of providing the Retention Committee with valuable information regarding the attrition/retention phenomenon at Penn College. The report is divided into six parts:

Part I	Executive summary
Part II	Introduction (purpose, background and definitions)
Part III	Detailed analysis and findings
Part IV	Survey procedures and data preparation
Part V	Summary data tables
Part VI	Appendices.

Background & Definitions

Attrition has been a growing concern in higher education for some time. It results in wasted time, effort and money for students, and reduced enrollments and funding for institutions. Colleges basically have two sources of enrollments: prospective new students, and those already enrolled. New Fall students usually account for less than a third of total Penn College enrollments. In contrast, nearly 3500 degree-seeking students (excluding graduates) enrolled in Spring 1996. Simply put, the primary source of enrollments each year are those students who were enrolled the prior year. This is not to discount the importance of recruiting. In fact, "improved retention and effective recruiting enhance one another. Recruiting…students who will not be happy or successful at the institution will adversely affect retention. Conversely, students who drop out because they are

unhappy…will communicate their dissatisfaction to others" (Lenning, Beal & Sauer, 1980, p. 1), impeding future recruitment.

Despite its importance to enrollments, retention should not always be equated with success, and attrition with failure. One way to increase retention might be to raise admissions standards, reduce enrollments of high-risk students, and otherwise continue business as usual. This method, however, involves no improvement in educational quality and might conflict with institutional mission and philosophy. Retention should not be a goal in and of itself, but rather should improve as an outcome of improving student experiences.

Efforts to quantify retention have produced numerous definitions and measures. While there probably is no one "best" definition of retention, Lenning, Beal & Sauer (1980) provide one of the most thorough attempts to do so: ***Persisters*** (returners) maintain continuous enrollment and graduate on-time; ***Stopouts*** leave college, but later return and eventually graduate; ***Dropouts*** (leavers, non-returners) leave an institution and do not return.

Dropouts must be further distinguished as voluntary or involuntary. Involuntary leavers (***terminations***) are dismissed by the college. ***Voluntary leavers*** dropout as a matter of choice. Some voluntary leavers may be designated as ***attainers***, students who do not graduate or return, but attain some other goal (e.g., transfer preparatory students who successfully transfer). ***Retention*** occurs when students continue, resume or complete their studies, or achieve their goal. ***Attrition*** occurs when students do not graduate or achieve their goal and are no longer enrolled (Lenning et al., 1980).

Technically, a dropout could return at any time and become a stopout. Thus for practical purposes, time limits should be specified to distinguish stopouts and dropouts. In addition, retention measures depend on the population selected and whether retention is defined to include attainers and/or persisters. Retention is most often based on entering Fall cohorts of students, sometimes limited to first-time (not transfer), full-time students. Alternately, all non-graduating students enrolled in a given semester may be selected. The time-frame can be semester-to-semester (Fall-to-Spring, Spring-to-Fall), year-to-year (Fall-to-Fall, Freshman-to-Sophomore, etc.), or over several years. When tracking a cohort over the "normal" time-length of a program, graduation rate can be used as a retention measure.

Nationwide retention rates have remained fairly stable: some 50% of all entering students graduate and half drop out (Brawer, 1996). Two-year college retention is only about 30%, but nears 50% if transfer attainers (transfers who obtain the baccalaureate) are included (Johnson, 1991). Fall-to-Fall retention of new, full-time students is about 70% overall, 60% in two-year colleges (Chaney & Farris, 1991).

Penn College uses several retention measures, including first-year retention and 3-year graduation/retention rates. First-year (Fall-to-Fall) retention rates, based on first-time students, are reported by major. Though comparable to national norms, this rate has dropped from 66.5% in 1991-92 to 61.0% in 1995-96 (SourceBook, 1997). Three-year graduation/retention rates, based on first-time full-time Fall cohorts, are reported by major (retention for B.S. majors, graduation rates for other programs). This rate has also dropped from 49.1% in 1989-92, comparable to national rates, to 38.2% in 1993-96 (Source Book, 1997). This data clearly shows a steady decline in retention.

External agencies use other specific retention measures. Middle States requests two-year (25%), four-year (44%), and five-year (45%) graduation rates. The Office of Civil Rights (OCR) requires data on attrition, persistence and graduation of first-time, full-time Fall cohorts by race and sex. The Student Right-to-Know Act requires disclosure of completion rates to prospective students and will soon require submission of a standardized graduation rate report.

While these measures are based on new Fall cohorts, the College also tracks semester-to-semester retention of all non-graduating students, for enrollment projections and other purposes. Fall-to-Spring and Spring-Fall retention have consistently been about 80% and 70% respectively. Contrasting these consistent semester retention rates with declining Fall-to-Fall retention/graduation rates emphasizes the need to use multiple measures and understand their differences. Retention based on Fall cohorts includes first-time students only. Semester-to-semester rates include all students, first-time, transfers and returning. Incoming transfer students have much higher retention rates than first-time students, thus the difference in the measures.

The Penn College Leaver study is based on all degree/certificate-seeking, non-graduating Spring semester students. Students who return in the Fall are considered retained. The Leaver Survey population consists of voluntary non-returners. Students terminated by the College are considered non-retained, but are not surveyed. While academic dismissals are a concern, they are not the focus of the Leaver study. Some students officially notify the College of their intent to withdraw by completing the required paperwork in the Student Records Office. As part of the withdrawal process, students identify their main reason for leaving. ***Prior to 1992 official withdrawals were not included in the Leaver population. However, the operational definition of Leavers was expanded in 1992 to include <u>all</u> voluntary dropouts, whether they officially withdrew or not.*** Comparisons of leaver survey data prior to 1992 should keep this in mind.

PART III - DETAILED ANALYSIS & FINDINGS

1994 Leaver Survey results were not previously analyzed. This report therefore includes both 1994 and 1996 results. ***Statements using the term "significant" are based on statistical tests at 5% error levels.*** Readers are encouraged to review the data tables included: Section A presents 1996 retention and response rates according to various student characteristics; Section B presents corresponding data for 1994; Section C presents the actual survey responses for both 1996 and 1994. Significant differences between 1996 results and prior years will be so noted. Otherwise, survey results noted will represent an average of 1994 and 1996 data. Source data are available for review in the Office of Strategic Planning and Research.

Retention Rates & Leaver Population (Table 1)

Table 1 tracks Spring-to-Fall enrollments, determines retention rates and the leaver population to be surveyed, by school and major. The first column shows official Spring enrollment, followed by the number of those students who graduated. Column three, the difference between the first two, shows the maximum potential returning Fall enrollment. Column four shows students terminated by the College.

Of the remaining students, column five shows the number not scheduled for Fall classes, followed by those scheduled but not registered. Column seven shows students who officially withdrew. These three columns (not scheduled, not registered, withdrew) make up the Leaver survey population, totaled in the next-to-last column.

Columns eight and nine show returning students who change majors. These internal transfers are not considered retained within their major, but are retained by the College and therefore are not leavers. Returning enrollment consists of non-graduating Spring students enrolled in the Fall in the same major. The retention rate is the percentage of the maximum returning enrollment who actually returned.

Of 4243 students enrolled in Spring 1996, 767 graduated, leaving a maximum potential of 3476 returning students. Of these, the College terminated 267 (8%). 443 (13%) students did not schedule for Fall, 108 (3%) scheduled but did not register, and 137 (4%) withdrew, for a total Leaver survey population of 688 students. 2521 non-graduating students returned, for a 72.5% Spring-to-Fall retention rate.

Corresponding data for 1994 show that of 4321 students enrolled in the Spring, 812 graduated, leaving a maximum potential of 3509 returning students. Of these, the College terminated 273 (8%). 364 (10%) did not schedule, 111 (3%) scheduled but did not register, and 244 (7%) withdrew, for a total Leaver survey population of 719 students. 2517 students returned in the Fall, for a 71.7% retention rate.

Leavers vs. Returners - Background Factors (Tables 2 - 13)

Research on two-year college students has shown that background traits have direct effects on persistence (Pascarella, Smart & Ethington, 1986; Voorhees, 1987). Therefore, before examining Leaver survey results, background data related to retention will be reviewed. Through admissions, placement testing, financial aid, and Student Records, considerable data is available to develop a profile of traits that distinguish non-returning from returning students. Examining these traits can help explain why some students choose to leave, and point to student segments that may need special retention efforts.

Over the fourteen years of this study, a fairly consistent picture of the leaver population has developed. Several background factors have been consistently, significantly related to attrition:

* Race/ethnicity - minorities;
* Socioeconomic status (SES) - low family income;
* Academic Preparation - low high school rank;
* College Major - non-technical, pre-Health, & General Studies;
* Credit Load - part-timers;
* Semester Standing - $1^{st}/4^{th}$ semester;
* College Grades - low semester/cumulative GPA.

Tables 2 through 13 have been expanded to document variations in retention related to student background factors. In past years these tables showed the number of leavers, survey respondents and response rates broken down by student characteristics. This year the tables provide that data as well as corresponding retention rates. Also, four new tables (2B, 7, 8, 9) were added to document retention rates by pre-major status, income, high school rank and expected employment.

External research has associated **racial minorities** (excluding Asians) with attrition, but often it is attributed to poor socioeconomic status and academic background (Brawer, 1996; Lenning et al., 1980; Voorhees, 1987). Penn College minorities (excluding Asian-Americans and International students) were again significantly less likely (63%-73%) to return (Table 6). Unlike external results however, low minority retention at Penn College was found to be independent of factors such as income, high school rank, age, geographic origin and major. This means low minority retention cannot be attributed to low income, low high school grades, or any of the other factors noted.

External research on socioeconomic status has shown mixed results, with disadvantaged students more prone to attrition, but probably mediated through other factors (Lenning et al., 1980). SES of Penn College students, measured by self-reported **family income**, was significantly related to returning, independent of other factors.

Those earning under $19,000 returned at a 69% rate, compared to 74% for those over $19,000 (Table 7). Low family income was particularly significant for traditional (under age 25) students, who showed only 65% retention, compared to 73% of higher-income traditional students.

External research shows that academic background carries the most weight in predicting persistence (Astin, 1993). At Penn College, **high school rank** has a significant effect on retention, though it seems to be mediated through college grades. Students in the top third were significantly more likely to return (81%) than those in the middle third (76%), and those in the bottom third were least likely (68%) to return (Table 8). However, actual college GPA plays a stronger role: low-ranking students who overcome their deficiencies and maintain good college grades are no more likely to dropout than other students with good grades; high-ranking students who struggle with college grades are no more likely to persist than other students with poor grades.

External research shows students with transfer plans are more likely to depart. Similarly, students pursuing Penn College's transfer-preparatory General Studies **program major** are significantly less likely (38%) to return (Table 2A). Students in pre-Health programs are also significantly less likely (61%) to return (Table 2B). In general, students enrolled in the more unique, highly technical majors (Construction/ Design, Industrial/ Engineering, Natural Resource/ Transportation) are significantly more likely to return (75%) than those in the more non-technical (Business/ Computer, Hospitality, Integrated Studies) programs (64%), which tend to be available at other colleges. These findings are independent of other factors, such as age, sex, income, geographic area, credit load and GPA.

External research on two-year students has found **part-time attendance** associated with attrition (Brawer, 1996; Feldman, 1993). At Penn College, leavers average significantly fewer Spring semester credits (11.8) than returners (13.2, Table 10). Specifically, those taking less than 15 credits are significantly less likely to return (69%) than those with 15 or more credits (75%). These findings are independent of factors such as age, income, geographic area and major.

Using **accumulated credits** to classify students by year (1st year, 2nd year, etc.) or semester (1st semester, 2nd semester, etc.), Penn College leavers tend to cluster into two distinct groups: first semester leavers and second-year completers. Students not completing the equivalent of one full-time semester (15 credits) are significantly less likely (42%) to return (Table 12). Those completing two years of study (60 credits) are also significantly less likely to return (65%), with one exception: B. S. degree students who complete their sophomore year are much more likely to return (85%). The latter finding is consistent with external research in which students with higher degree aspirations are more likely to persist. These findings are

independent of other factors such as starting semester, number of semesters enrolled, and full/part-time credit load.

Most colleges have a process to dismiss students who fail to meet minimum grade requirements. Logically then, **low grades** directly effect attrition (Astin, 1993; Brawer, 1996). 8% of non-graduating Spring students were terminated by the College. Thus, for many students, improving retention requires improving academic success. Overall, students with a failing (under 2.0) Spring semester (Table 11) or cumulative GPA (Table 13) were significantly less likely to return (Spring, 44%-83%; Cumulative, 36%-80%). Likewise, the mean Spring and mean cumulative GPA of leavers were significantly lower than that of returning students (Spring, 1.91-2.87; Cumulative, 2.18-2.91). Further, these findings are independent of other factors, including credit load, major, high school rank, income and race.

The preceding paragraphs focused on factors which have been strongly and consistently related to retention. Several significant changes in retention-related factors, related to age, have also occurred since the institution's transition from its community college days.

Age-related attrition research results have been inconsistent: older students are more often associated with attrition (Brawer, 1996; Feldman, 1993); younger students on the other hand, are more likely to transfer, because they have fewer external commitments (Voorhees, 1987). In the institution's community college days, non-traditional (age 25 and over) students showed significantly lower retention rates than traditional aged students. Since the transition to Penn College, adult retention has steadily improved (1988-65%, 1996-75%) and is now significantly higher than that of traditional students (70%).

Improved adult retention could be due to prior college experience. Students who transfer credits into the College tend to be older and have significantly higher retention rates (79%) than first-time new students (72%). When entry status is statistically controlled, age differences become trivial (adult first-time retention is similar to that of traditional first-timers). As noted earlier, Fall retention rates, based on first-time students only, are dropping, while Spring retention, including transfers, remains stable. Thus it appears that declining retention is mostly limited to first-time entering students.

Perhaps related to age, in the past **Lycoming County** students showed significantly lower retention rates than **non-local** students (non-traditional students are primarily local). Since the transition to Penn College, local retention has steadily improved (1988-62%, 1996-71%) to nearly equal the overall College rate. Improved retention has coincided with a slow decline in proportional local enrollments (1988-41%, 1996-33%). It could be that the end of local sponsorship and rising tuition costs have gradually deterred the casual local, non-

traditional student from enrolling, but the more seriously committed local, adult students continue to enroll. If so, these students might be less likely to drop out due to a stronger level of motivation and commitment. This is, however, purely speculation.

External research has found that **full-time employment** decreases retention, while **part-time employment**, particularly on-campus, increases retention (Brawer, 1996). Likewise, past Penn College studies showed employment related to retention, but no longer, perhaps due to changes in age and geographic area. Retention of local, non-traditional students, most likely to work heavy hours, has steadily improved. Past College studies also found student **goals** and **reasons for applying** to be related to retention. However, with age controlled statistically, goal and application reason are no longer factors.

Female students have also been associated with attrition (Brawer, 1996). Sex is generally not a primary factor, but it occasionally interacts significantly with other variables (Pascarella, Smart & Ethington, 1986). At Penn College, retention has been unrelated to **sex**, high school major, disability, family size, and number of applications and acceptances to other colleges.

Student retention at Penn College is dependent on the traits outlined above. Therefore, these factors will be discussed in more detail. Survey responses will be broken down and analyzed according to each of the traits, after presenting overall survey results.

Response Rates and Response Bias (Tables 2 - 13)

Students who officially withdraw are asked to provide a reason. Thus, even if they do not respond to the Leaver survey, these students have already answered one of the primary survey questions. Statistical tests comparing the non-responding withdrawal reasons to those of survey respondents showed no significant differences. To make use of their information, withdrawn students who otherwise did not respond were treated as if they had responded to the survey, using the withdrawal reason they gave at the time of their departure. Thus, reported response rates will appear inflated over prior years. Overall response rates were 67.0% in 1994, with 482 of 719 leavers responding, and 63.5% in 1996, with 437 of 688 leavers responding.

In order to generalize results, the respondents must be representative of the entire leaver population. Comparative analyses of leaver characteristics show that survey respondents were not totally representative of all leavers. Response rates varied significantly by geographic area. Only 60% of the Lycoming County leavers responded, compared to over two-thirds of the non-local leavers. Thus, responses significantly related to geographic area will be noted as biased responses that are not representative of the entire leaver population.

SURVEY RESPONSES - Overall

Several Leaver survey items parallel items on the Graduate survey. Where appropriate, Leaver responses are compared to those of the most recent graduate surveys, as published in the 1994/95 Graduate Report.

Educational Objective (Table 14)

Enrollment in a degree-seeking program does not necessarily mean degree completion is a primary objective. Students at a majority of two-year colleges leave because they accomplished their objectives (Chaney & Farris, 1991) without graduating. A broader concept of retention would not classify these goal "attainers" as dropouts.

To identify goal attainers, student objectives must be ascertained. Goals are identified on the College admissions application as well as the leaver survey. While College students who enroll for personal interest or to transfer have been more likely to leave, their combined proportion has dropped significantly from 36% in 1992 to 24% in 1996. The transfer decline is also reflected in the overall College decrease in General Studies students (down more than 50% over the past five years). In contrast, the portion enrolling for first job preparation increased from 30% in 1994 to 36%. Similarly, the proportion enrolling to upgrade job skills has risen from 18% in 1992 to 23%.

Having identified student goals, the proportion of *goal attainers* can be estimated: based on student defined objectives and information from the leaver survey, it is conservatively estimated that 30% (274 of 919 respondents) of the non-returning students (or 10% of all potential returning students) achieved their educational objectives without graduating. Thus it could be argued that the College's "true" Spring-to-Fall retention rate is closer to 80% than 70%. More than one-fourth of the leavers with job-related goals successfully attained their primary goal. Over half of the leavers who entered for purposes of transferring to another four-year college succeeded in doing so.

Comparing student goals at admission with those reported on the leaver survey can identify students who changed their goals. Of the 689 leavers in 1994 and 1996 providing usable responses, 136 (19%) changed their primary educational goal between the time they applied and the time they left. Of those changing goals, 43% (59) changed from transfer to job-related goals; 27% (37) changed from job-related goals to transfer; 23% (31) changed from upgrading job skills to retraining for a new job; and 7% (9) changed from retraining to upgrading skills.

Reasons for Not Returning (Table 15)

Before reviewing survey responses, the limits of student-reported reasons for leaving must be recognized. Research suggests students

are often unwilling or unable to accurately identify their reasons for dropping out. They may not really understand their motivations for leaving and may cite reasons that are superficial, more socially acceptable, or that hide personal problems. This does not preclude using student reasons to study attrition, but it does show the need to use the information with care. (Lenning et al., 1980).

Leavers were asked to provide up to three reasons for not returning in the Fall semester. **Personal/family reasons** have gradually increased since 1989 to become the top reason for leaving. 17% of the students leave primarily for personal/family reasons, and over 25% in all use that reason. Further, local students were significantly more likely than others to give this response, and thus due to response bias, personal/family reasons were probably underestimated. These leavers also tend to be non-traditional, females, with low incomes, enrolled in non-technical majors, with few accumulated credits and low GPA.

Consistent with the drop in leavers enrolling for transfer purposes, the proportion leaving due to **transfer** has also significantly dropped. In 1992, 19% indicated transfer was their primary reason, and over one-fourth of all leavers left to transfer. Since 1992, these segments have dropped to 12% and 20% respectively. On closer examination, the loss of many of these students may be inevitable. They are more likely to be traditional aged, from higher income families, enrolled in General Studies, intend to transfer without graduating, and have little interest in re-enrolling. Of those who gave additional reasons for transferring, nearly half cited the unavailability of their desired program, and half indicated tuition.

While personal/family reasons and transfer have fluctuated in importance, financial factors have been the most consistent leaver reasons. About 10% leave primarily due to **financial problems**, nearly 20% overall. Surprisingly, financial factors were equally common among both low-income and high-income students. In spite of rising College costs, fewer students are leaving due to **tuition and costs**. Tuition has gone from being the top reason in 1990 to only the seventh most common reason. The total leaving due to tuition has dropped steadily from 36% to under 20%. Non-technical leavers were most likely to have financial trouble.

Other consistently frequent reasons for leaving include **satisfactory employment** (primary-10%, total-14%) and **finished needed courses** (7%, 10%). These leavers tend to be male students, close to graduating (over 60 credits) in technical programs.

Although not a major reason, **poor housing** has shown the most significant increase since 1992 (0.4%-3.2%). However, non-local leavers were significantly more likely to have housing problems, thus due to response bias, housing problems are probably overestimated.

The opening of The Village, the College's first residential facility, should help reduce any attrition caused by unsatisfactory housing. Traditional students were most likely to indicate housing problems.

Local (Lycoming County) leavers were significantly more likely than others to leave due to work/class time conflicts. Non-local students were more likely to have problems with travel distance. Due to response bias, work/class conflicts (4%, 9%) are probably underestimated, while travel distance (2%, 9%) is overestimated.

College Satisfaction Ratings (Tables 16 - 18)

Several widely accepted models of student retention (Astin, 1993; Pascarella, 1985; Spady, 1970; Tinto, 1987) stress the importance of student-environment fit: students will be more likely to persist where they find a college environment that fits their needs and goals. Different terms have been used to represent degree of student-environment fit, including integration, involvement, congruence and satisfaction. Operationally, most definitions of fit are manifest in terms of the students' interaction with the academic and social systems of the college (Pascarella & Terenzini, 1991). To measure student integration into Penn College's academic and social systems, leavers were asked to rate their satisfaction with various aspects of the College's educational and social environment, on a scale from 1 (very poor) to 4 (very good).

The leavers continue to rate their overall **educational experience** and **social experience** at the College well above average. However, both ratings have been in decline, and educational satisfaction of Leavers has dropped significantly since 1990, from a mean rating of 3.21 to 3.00 (Table 16). Despite this drop, leavers continue to be somewhat more satisfied with their academic experience than with their social (down from 2.98 to 2.88).

Consistent with educational satisfaction, combined **instructional ratings** were again above average, but in decline, from 3.33 in 1990 to 3.24 (Table 17). This contrasts with graduate ratings of instruction, which increased from 3.28 in 1994 to 3.32 in 1995. Together, these contrasting trends imply that instructional satisfaction is an increasingly important factor in retention.

Leaver **grading/testing** ratings have significantly declined, from 3.31 in 1990 to 3.16. In gradual decline the past several years, the following instructional elements were rated significantly lower by leavers than graduates: **instructor interest** (leavers-3.26, grads-3.42) and **hands-on equipment** (3.26-3.36). These findings suggest that students more satisfied with equipment and instructor interest are much more likely to return and graduate. **Class size** was the only

rating to significantly improve, up from 3.25 in 1992 to 3.39, now the top rated instructional feature among leavers.

Overall satisfaction with **College services** has been consistently well above average and at roughly the same level as the graduates. As with the other satisfaction ratings however, service ratings in total have been in gradual decline, from 3.00 in 1990 to 2.92 (Table 18). The 1996 Leaver survey added two new service ratings: **Academic Support Services** (3.06)and the **Child Care Center** (2.80).

Leaver ratings of two services fell significantly: **student orientation** (1992-3.22, 1996-3.04) and **Student Records/ scheduling** (3.21-2.96). It should be noted that the wording for these and other items was revised, possibly effecting the ratings (orientation was previously "Welcome day & orientation", Student Records was "Computerized class scheduling"). Leavers also rated these two services, as well as **financial aid** and **academic advising,** significantly lower than graduates, suggesting that students more satisfied with these services are much more likely to return and graduate. Consistent with graduates, the three services rated highest by leavers continue to be the **tutoring center** (3.24), **library** (3.21) and **computer labs** (3.16).

General Information (Tables 19 - 22)

The proportion of leavers reporting their courses were of little or no benefit to their career plans has increased gradually from 8.6% in 1990 to 18.8% (Table 19). One-third of the leavers find their courses of long-term benefit and one-fourth find them of immediate benefit.

Leaver interest in re-enrolling at the College declined for the fifth straight time, from 59% in 1988 to 42.3%. However, older, local leavers were significantly more likely to express interest in taking other College courses, probably due to the College's proximity. Thus due to response bias, the proportion of students interested in other courses is probably underestimated. Similarly, the improved retention of local students, resulting in fewer local leavers, helps explain the declining interest in other courses. Table 20 of this year's report was expanded to list the courses and programs of interest to leavers.

While 45% of the 1994 leavers expressed an interest in re-enrolling, only 18% (127) actually did so within three years, with 6% (40) eventually graduating, and 5% (38) still enrolled through Spring 1997. These *stopout* students could be considered retained because they eventually returned, but the potential stopout segment could be much greater. The fact it is not points out the risk of discontinuing enrollment even if students intend to return. Leavers interested in re-enrolling show significantly higher satisfaction, were more likely to enroll in Business/Computer majors, and more likely to have left due to work conflicts, personal, family, health or financial problems.

Applicants are asked the extent they expect to be employed while in college. Leavers are asked the extent they were actually employed while at Penn College. While there is some correlation between actual and expected employment, less than half the leavers had totally accurate expectations. Leavers were equally likely to underestimate or overestimate their work hours. The proportion of leavers employed full-time while attending the College increased from 17% in 1992 to 23% (Table 21). Local leavers were significantly more likely to work over 10 hours weekly. Thus due to response bias, the proportion working over 10 hours weekly was probably underestimated and the segment working under 10 hours was overestimated.

Half of the 1996 leavers found full-time work, up significantly from 38% in 1992 to 49.6% (Table 22). External research suggests that socioeconomic forces play an important role in attrition, particularly among nontraditional students (Johnson, 1991; Lenning et al., 1980). Poor economic conditions and high unemployment tend to increase college enrollments, while a robust economy, providing more job opportunities, tends to increase attrition. Thus, declining retention rates can be attributed in part to the healthy economy.

The unemployment rate of leavers was only 5%, down from 9.3% in 1990, and comparable to that of recent graduates. After hitting a high of 35% in 1992, the proportion of leavers transferring has slowly dropped, to 28.6%. However, this is still significantly higher than the transfer rate of recent graduates. Employment status after leaving tends to be highly correlated to employment while in college. Students employed full-time while in college are significantly more likely to work full-time after leaving; those employed part-time in college are significantly more likely to transfer and/or work part-time after leaving; those not working while in college are significantly more likely to be unemployed after leaving.

Employment-Related Items (Tables 23 - 28)

While employment of leavers has been on the rise, the largest segment (41.4%) continue to take jobs unrelated to their program of study (Table 23). Nearly the same proportion are successful in finding jobs directly related to their field (38.3%).

Many students likely leave because they are offered well-paying jobs. In 1996 the average salary for full-time employed leavers, <u>including</u> those in unrelated jobs, increased significantly from $17,821 to $21,286 (Table 25). The proportion earning over $25,000 nearly doubled from 18% in 1994 to 34%. The 1994 average leaver salary ($17,821) was comparable to that of the 1994 graduates ($18,250).

The proportion of leavers working in Lycoming County has significantly declined from 44% in 1992 to 31% (Table 26). Part, but not all of this decline can be attributed to the drop in leavers coming from the local area. In contrast, the proportion of leavers working outside the local 10-county area increased significantly from 32% in 1992 to 46.5%. The principal growth area is in state's central area, up from 8% to 16%. Not surprisingly, local leavers are significantly more likely to work in Lycoming County, thus due to response bias, the proportion working locally is probably underestimated.

Employed leavers are asked how their courses effected their job. Results have been fairly consistent since 1992: nearly half state their courses had no effect; 28% improved their job performance; 24% obtained employment; and 14% advanced in their job (Table 26).

Leavers rating their training of little or no use in performing their job steadily increased from only 17% in 1987 to a high of 48.1% in 1994, before dropping back to 44.7% (Table 27). The segment finding their education very useful dropped from 23.2% in 1994 to 17.6%. Likewise, the proportion who would recommend their courses to others in similar positions bottomed out at 44% in 1994, down from 62% in 1987, before rebounding to 47.6% (Table 28). The proportion who would not recommend their courses has risen from 18% in 1990 to 24.4%.

Transfer-Related Items (Tables 29 - 35)

Since 1992, nearly half the leaver transfers have planned on transferring prior to graduating (Table 32). About 38% did not plan to transfer. These "unplanned transfers" were significantly more likely to leave due to dissatisfaction with the College (course content, instruction, advisor/ counselor, program/department).

The proportion of leavers transferring to State System of Higher Education (SSHE) universities has declined from over half in 1990 to 34% (Table 29). Transfer to Lock Haven University (LHU) in particular has dropped from 20% to 10.5%. Lycoming College transfers also declined from 10% in 1994 to 4.2%. However, local transfers were significantly more likely to than others to transfer to LHU or Lycoming, thus due to response bias they are probably underestimated.

Transfer to Penn State increased from 13.5% in 1994 to 21.1%. About 17% of the transfer leavers are horizontal transfers (to another two-year institution). One-in-seven transfers move out-of-state. These proportions are comparable to those of the most recent graduates, with four exceptions: leavers are less likely than graduates to transfer to SSHE universities (34%-46%) or out-of-state colleges (14%-19%); they are more likely to transfer to in-state two-year institutions (17%-5%) or private colleges (26%-8%). Another 14% of the leavers continuing

their education are actually Penn College stopouts - students who took the Fall semester off, but returned in the Spring.

A new table (29B) shows the program majors to which leavers transferred. Over 20% transferred to Health Science majors, 12% to Business and over 10% to Education majors. Nearly another 10% transferred to Engineering-related technology majors.

Over 20% of the leaver transfers enrolled part-time, up from 7% in 1992 (Table 30). They most often transfer as sophomores, though that segment declined from 48% in 1994 to 36% (Table 31). More leavers are transferring into upper class standing (1994-21%, 1996-35%).

Over 80% of leaver transfers indicate they were well prepared or very well prepared to transfer (Table 33). However, the proportion prepared poorly or very poorly has gradually risen from 0% in 1987 to 18.8%. In particular, the proportion indicating they were very poorly prepared significantly increased from 1.3% in 1994 to 10%.

Consistent with the increase in poorly prepared leaver transfers, the proportion with transfer problems increased from 30% in 1994 to 38% (Table 34). Most of the increase was in transcript problems (7.2% to 12.5%). In contrast, after hitting a low of 25% in 1992, the proportion of leavers having all their transfer credits accepted has significantly increased back up to 42.3% (Table 35).

SURVEY RESPONSES - Group Comparisons

Eight factors significantly associated with attrition were identified earlier: race, income, high school rank, part-time enrollment, semester standing, GPA, age and program major. Examining survey responses separately within each of these groups can provide greater insight into institutional attrition. In addition, because attrition reasons are known to differ between men and women (Lenning, Beal & Sauer, 1980), differences by sex will be examined. Separate data tables for this section are not included in the report.

Race Minority leavers as a whole did not differ significantly from white leavers. When analyzed in conjunction with geographic origin however, some troubling findings result. Non-local (outside Lycoming County) minority leavers were significantly less satisfied than others with both their educational (2.60-3.02) and social experiences (2.54-2.94) while at the College. While this finding is based on only a small population (20 non-local minorities), it could reflect minority difficulty in adjusting to both the local area as well as the College.

Family Income Leavers from higher income ($30,000+) families were significantly more likely to transfer (23%-14%). Low-income

(<$19,000) leavers were somewhat more likely to express personal, family or health problems (38%-30%).

Credit Load Not surprisingly, part-time students were more likely to leave due to time problems: work/class time conflicts (17%-5%) and inconvenient course times (8%-3%). They were significantly more likely to express interest in returning (58%-28%).

Age/Geographic Area The effects of age and geographic area are intertwined. Most non-traditional (25+) students come from the local area. Like part-timers, they were significantly more likely to leave due to time problems: work/class time conflicts, inconvenient course times, and study time required (3.4%-0.7%). Non-traditional leavers were also significantly more likely to leave for personal, family or health reasons (41%-28%). Younger local students were significantly more likely to transfer (28%-10%). Non-local traditional students were more likely to leave due to poor housing (3.9%-0.3%) or travel distance. Local students in general were significantly more satisfied than non-local leavers with both their educational (3.09-2.97) and social experiences at the College (3.00-2.90).

Sex Female leavers were significantly more likely to relocate (9%-4%) or leave for personal, family or health reasons (41%-26%). Males were more likely to find satisfactory work (19%-8%) or finish their needed courses (13%-6%).

High School Rank/Grade Point Average Leaver responses did not significantly differ by high school rank, independent of GPA. Leavers with a low cumulative GPA (under 2.0) were significantly more likely to leave due to their grade problems (10%-4%) or personal, family or health reasons (42%-31%). Low GPA leavers were also significantly less satisfied with their educational (2.66-3.07) and social experiences (2.80-2.95).

Semester Standing Leavers completing less than one full-time semester (15 credits) were significantly more likely to do so for personal, family or health reasons (42%-30%). Those completing two years (60 credits) were significantly more likely to have finished their needed courses (28%-6%) or left due to travel distance (17%-7%).

Program Major/School General Studies (GS) is the College's transfer preparation program. It is not surprising then that GS leavers are significantly more likely to transfer (38%-13%) or leave because their desired program is unavailable here (12%-3%). Baccalaureate degree leavers were significantly more likely to leave due to work conflicts.

Most Penn College Health Science students are not accepted directly into their major, but are instead placed in pre-program status, taking supporting course work until they are accepted into the program.

Students in pre-major status are significantly more likely to transfer (29%-19%) or leave due to unsatisfactory advisors/ counselors (9%-4%). Similarly, they rate academic advising significantly lower (2.81-2.98), as well as their overall educational experience (2.83-3.03).

Excluding General Studies, students enrolled in the more non-technical majors (Business/Computer, Hospitality, Integrated Studies, North Campus) were significantly more likely to leave due to financial problems (24%-5%), tuition and costs (22%-15%) or personal, family or health reasons (42%-26%). Those in the more technical fields (Construction/Design, Industrial/Engineering, Natural Resource/ Transportation) were significantly more likely to find satisfactory work (20%-11%) or finish their needed courses (14%-5%). Specifically:

Business/Computer - more likely to leave due to tuition/costs, or personal, family, or health reasons; significantly more satisfied with their education (3.13) and more interested in re-enrolling.

Construction/Design - more likely to leave due to employment, inconvenient course times, unsure goals, course content, housing or financial problems.

Health Science - more likely to leave due to program unavailability and unsatisfactory advisors/counselors; rated their educational experience at Penn College significantly poorer than others (2.85).

Hospitality - more likely to leave due to financial problems, poor housing, or inconvenient course times.

Industrial/Engineering - more likely to finish needed courses or leave due to work conflicts.

Integrated Studies (excluding GS) - more likely to have relocated; rated their educational experience at Penn College significantly poorer than others (2.84).

Natural Resource/Transportation - more likely to find work, finish needed courses, have grade problems, or travel problems.

North Campus - more likely to leave due to time conflicts: inconvenient courses times and work/class conflicts.

PART IV - SURVEY PROCEDURES & DATA PREPARATION

The Leaver survey instrument was originally developed in 1983 and has been periodically revised since its inception. In 1996, two items were added to the list of College services rated (academic support services, child care center). The 1996 survey form is included in the appendix. The 1994 survey is not included, but is identical to the 1996 form with the exception of the items noted above. Samples of the survey cover letters are also included in the appendix.

The 1996 survey consisted of 48 closed and six open-ended items. The questionnaire was initially mailed to the population of 688 leavers the week of November 11, 1996. Telephone follow-up of non-respondents was conducted the following February. An additional 59 withdrawn leavers were added to the respondent pool, based on their completion of the College withdrawal form, indicating their reason for leaving. A total of 437 usable surveys were processed for a 63.5% response rate. The 1994 questionnaire was initially mailed to the population of 719 leavers the week of October 28, 1994 and telephone follow-up conducted the following February. An additional 112 withdrawn leavers were added to the respondent pool, resulting in a total of 482 usable surveys processed for a 67.0 % response rate. The following chart details each stage of each survey.

Year	Mailing	Date	Number Mailed	Cumulative Number Returned	Cumulative Response Rate
1994	1st letter	10/28/94	719	131	18.2%
	2nd letter	11/23/94		260	36.2%
	3rd letter	12/19/94		290	40.3%
	Telephoning	1/13/95		370	51.5%
	Withdrawals	N/A		482	67.0%
1996	1st letter	11/11/96	688	75	10.9%
	2nd letter	11/27/96		190	27.6%
	3rd letter	12/20/96		263	38.2%
	Telephoning	2/17/97		378	55.0%
	Withdrawals	N/A		437	63.5%

Responses for all 919 usable surveys were edited, coded and entered into an IBM AS/400 mainframe data file. The survey files were merged with demographic data for all 6985 (1994-3509, 1996-3476) potential returning students and downloaded to a disk file for analysis with a microcomputer statistical software package. Data tables were entered into spreadsheet files; duplicating was done in-house.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY

1996
LEAVER SURVEY

GENERAL INFORMATION
&
DEMOGRAPHIC TABLES

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a) Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
MAIN CAMPUS												
BUSINESS & COMPUTER TECHNOLOGIES												
BS Business Administration	105	5	100	3	11	4	5	3	6	74	20	74.0%
BS Computer Information Technology	44	4	40	1	4	2		3	3	30	6	75.0%
BS Legal Assistant Studies	21	3	18		2		1		1	15	3	83.3%
BS Technology Management	36	5	31		2		1	1	3	27	3	87.1%
AAS (b) Accounting	88	18	70	2	7	3	2	1	2	55	12	78.6%
AAS (b) Business Management	148	22	126	12	14	4	4	3	4	89	22	70.6%
AAS (b) Computer Information Systems	110	10	100	11	17		4	10	4	58	21	58.0%
AAS (b) Legal Assistant (Paralegal)	83	20	63	8	6	3	1	2	9	43	10	68.3%
AAS Office Information Systems	34	7	27	1	5		2	2	6	17	7	63.0%
AAS (b) Office Technology/Admin	66	13	53	5	4	2	4	1	5	37	10	69.8%
AAS (b) Retail Management	6	2	4							4	0	100.0%
C-1 (b) Computer Applications/Ops Technology	20	4	16	1	1		2		1	12	3	75.0%
C-1 (b) Office Assistant	2	2	0							0	0	#N/A
(c) Internal transfers (within same school)								-19	-19	19		
SCHOOL SUB-TOTAL	763	115	648	44	73	18	26	7	25	480	117	74.1%
CONSTRUCTION & DESIGN TECHNOLOGIES												
BS Computer-Aided Product/Systems Design			0						6	0	0	#N/A
BS Construction Management	58	10	48	1	2	2	1	1	1	41	5	85.4%
BS Heating/Ventilation/AC (HVAC) Tech (BS)	15	1	14				1	1	2	12	1	85.7%
AAS Architectural Technology	90	19	71	5	9	2	2	3		50	13	70.4%
AAS Building Construction Technology	108	32	76	7	7	1	2	2	2	57	10	75.0%
AAS Computer-Aided Drafting Tech/Design	87	13	74	6	6	1	1	6	2	55	8	74.3%
AAS Electrical Tech	46	9	37	5	4	1	1	7	2	19	6	51.4%
AAS HVAC Technology	128	28	100	6	7	2	1	3	4	81	10	81.0%
AAS (b) Industrial Maintenance Technology	22	4	18	1	14				2	3	14	16.7%
C 2 Cabinetmaking/Millwork	2		2						2	2	0	100.0%
C 2 Computer-Aided Drafting	1		1							1	0	100.0%
C 2 Construction/Carpentry	50	15	35	5	4	1				25	5	71.4%
C 2 Electrical Occupations	49	13	36	3	4	3			4	26	7	72.2%
C-1 Plumbing	5	3	2					1	1	1	0	50.0%
(c) Internal transfers (within same school)								-18	-18	18		
SCHOOL SUB-TOTAL	661	147	514	39	57	13	9	5	10	391	79	76.1%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
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SPRING TO FALL 1996

SITE/SCHOOL Degree(a)		Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
HEALTH SCIENCES														
BS		Dental Hygiene (BS) - total	22	3	19	0	3	2	0	2	3	12	5	63.2%
BS		Nursing (BSN)			0						2	0	0	#N/A
BS		Physician Assistant - total	48	0	48	1	12	1	2	1	4	31	15	64.6%
AAS		Dental Hygiene - total	92	23	69	8	7	0	4	8	3	44	11	63.8%
AAS		Health Arts	18	10	8		1		2	1	16	4	3	50.0%
AAS	(b)	Nursing - total	234	70	164	12	17	4	9	6	4	116	30	70.7%
AAS	(b)	Occupational Therapy Assisting - total	161	25	136	5	24	5	2	8	3	92	31	67.6%
AAS		Radiography - total	72	17	55	5	7	0	1	5	3	37	8	67.3%
C 2	(b)	Practical Nursing - total	53	17	36	1	5	0	3	13	0	14	8	38.9%
C-1		Surgical Technology - total	21	5	16	1	1	0	1	3	2	10	2	62.5%
Susquehanna														
AAS	(b)	Nursing	22		22		1		4	1		16	5	72.7%
	(c)	Internal transfers (within same school)								-32	-32	32		
SCHOOL SUB-TOTAL			743	170	573	31	78	12	28	16	8	408	118	71.2%
HOSPITALITY														
AAS		Baking/Pastry Arts	13		13	1					2	12	0	92.3%
AAS		Culinary Arts Tech	37	1	36	6	2	1		4	1	23	3	63.9%
AAS		Food/Hospitality Management	59	9	50	6	3	5	2	2	5	32	10	64.0%
C 2		Culinary Arts	7	2	5		2		1	1		1	3	20.0%
	(c)	Internal transfers (within same school)								-5	-5	5		
SCHOOL SUB-TOTAL			116	12	104	13	7	6	3	2	3	73	16	70.2%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a)	Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
INDUSTRIAL AND ENGINEERING TECHNOLOGIES													
BS	Electronics Engineering Tech	14	1	13		1			2	3	10	1	76.9%
BS	Manufacturing Engineering Tech	41	9	32		4	1		2	5	25	5	78.1%
BS	Plastics/Polymer Engineering Tech	32	3	29		3	1			2	25	4	86.2%
BS	Welding/Fabrication Engineering Tech	12	2	10		3			1	1	6	3	60.0%
AAS	Automated Manufacturing Tech	20	5	15		3				6	12	3	80.0%
AAS	Civil Engineering Tech	52	5	47	1	3			5		38	3	80.9%
AAS	Electronics Tech	191	51	140	10	16	3	6	2	1	103	25	73.6%
AAS	Plastics/Polymer Tech	19	2	17		3			3	1	11	3	64.7%
AAS	Quality Assurance Tech	1		1							1	0	100.0%
AAS	Surveying Tech	6	1	5						6	5	0	100.0%
AAS	Toolmaking Tech	71	6	65	2	5	3	3	11	1	41	11	63.1%
AAS	Vocational Teacher Education	2		2				1			1	1	50.0%
AAS	Welding Tech	31	2	29		4	4		5	1	16	8	55.2%
AAS	Wood Products Manufacturing	7	3	4					3		1	0	25.0%
C 2	Machinist General	29	6	23	2	1	2	1	1		16	4	69.6%
C 2	Welding	13	3	10		2		1		3	7	3	70.0%
(c)	Internal transfers (within same school)								-28	-28	28		
SCHOOL SUB-TOTAL		541	99	442	15	48	14	12	7	2	346	74	78.3%
INTEGRATED STUDIES													
BS	Applied Human Services	74	13	61	7	6	2	4	4	10	38	12	62.3%
BS	Graphic Design	52	6	46	3	2		4		3	37	6	80.4%
BS	Technical/Professional Comm			0						2	0	0	#N/A
AAA	Advertising Art	44	8	36	5	8			1	2	22	8	61.1%
A S	Biology	4		4	1	1				3	2	1	50.0%
AAA	Broadcast Comm	23	5	18	4	4		1	1	1	8	5	44.4%
AAS	Early Childhood Education	82	13	69	6	6	6	3	2	4	46	15	66.7%
A A (b)	General Studies	202	10	192	37	56	8	11	29	7	51	75	26.6%
AAS	Graphic Communication	52	10	42	9	2		2	1		28	4	66.7%
AAS (b)	Human Services	115	19	96	14	18	5	7	12	5	40	30	41.7%
AAS (b)	Individual/Technology Studies	11	2	9		5	1			1	3	6	33.3%
AAA	Mass Comm	23	4	19	4	1		1	1	2	12	2	63.2%
A S	Pre-Engineering	3		3		1				1	2	1	66.7%
(c)	Internal transfers (within same school)								-25	-25	25		
SCHOOL SUB-TOTAL		685	90	595	90	110	22	33	26	16	314	165	52.8%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL / Degree(a) Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c): Out	Internal Transfers (c): In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
NATURAL RESOURCES MANAGEMENT/ TRANSPORTATION TECHNOLOGIES												
BS Automotive Tech Management	16	3	13		2				5	11	2	84.6%
AAS Auto Body Technology	21	2	19	1	2	1		4	2	11	3	57.9%
AAS Automotive Engineering Tech	9		9	2	1		1	2		3	2	33.3%
AAS Automotive Service Management	12	1	11	1	1	2		1		6	3	54.5%
AAS Automotive Technology	96	18	80	4	3	4	2	4	3	63	9	78.8%
C 2 Automotive Service Technician	28	7	21	3					1	18	0	85.7%
C-1 Auto Body Technician	4	1	3	1	1			1		0	1	0.0%
(c) Internal transfers (within same site)								-9	-9	9		
Aviation Center												
BS Aviation Maintenance Technology	7	4	3				1		1	2	1	66.7%
AAS Aviation Technology	46	4	42	1	13		1	3	1	24	14	57.1%
AAS Avionics Technology	8	1	7					1		6	0	85.7%
C 2 Aviation Maintenance Technician	8	4	4			1			1	3	1	75.0%
(c) Internal transfers (within same site)								-3	-3	3		
Aviation Center Sub-Total	69	13	56	1	13	1	2	1	0	38	16	67.9%
Earth Science Center												
AAS Diesel Technology	28	9	19		2		1	1		15	3	78.9%
AAS Environmental Tech	25	6	19	1	3	1	3		2	11	7	57.9%
AAS Forest Tech-Forestry/Wood Products	99	21	78	5	6	3	2	1		61	11	78.2%
AAS Heavy Construction Equipment Technology	34	6	28		3	2		2	1	21	5	75.0%
AAS Interior Plantscape/Floral Design	17	5	12		2	1		1	1	8	3	66.7%
AAS Landscape/Nursery Tech	70	13	57	4	5		1	2	1	45	6	78.9%
AAS Urban Forestry	6	2	4		2					2	2	50.0%
C 2 Diesel Technician	14	3	11				1		2	10	1	90.9%
C 2 Heavy Construction Equipment Technician	29	6	23	5	3		3		2	12	6	52.2%
(c) Internal transfers (within same site)								-5	-5	5		
Earth Science Center Sub-Total	322	71	251	15	26	7	11	2	4	190	44	75.7%
(c) Internal transfers (within same school)								-3	-3	3		
SCHOOL SUB-TOTAL	577	114	463	28	49	15	16	3	3	352	80	76.0%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a) Major			Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
NORTH CAMPUS														
AAS	(b)	Accounting	10	1	9		3		2			4	5	44.4%
AAS	(b)	Business Management	26	4	22	2	3	1	1	1		14	5	63.6%
AAS	(b)	Computer Information Systems	9		9	1	2	2	1		1	3	5	33.3%
A A	(b)	General Studies	14		14	1	4	1	3	1		4	8	28.6%
AAS	(b)	Health Arts-Practical Nursing	1		1						5	1	0	100.0%
AAS	(b)	Human Services	39	7	32	1	3	4	2			22	9	68.8%
AAS	(b)	Individual Studies	2		2		1					1	1	50.0%
AAS	(b)	Legal Assistant (Paralegal)	9	2	7		2					5	2	71.4%
	(b)	Nursing - Advanced Placement	1		1							1	0	100.0%
	(b)	Occupational Therapy Assisting - pre-major	1		1					1		0	0	0.0%
AAS	(b)	Office Technology/Admin	26	6	20	1	2				1	17	2	85.0%
C 2	(b)	Practical Nursing - total	18	0	18	1	1	0	1	5	0	10	2	55.6%
C-1	(b)	Computer Applications/Ops Technology	1		1					1		0	0	0.0%
	(c)	Internal transfers (within same campus)								-7	-7	7		
NORTH CAMPUS SUB-TOTAL			157	20	137	7	21	8	10	2	0	89	39	65.0%
	(c)	Internal transfers (between schools)								-68	-67	68		
SUB-TOTALS BY DEGREE LEVEL														
BS		Bachelor of Science	597	72	525	16	57	15	20	13	55	404	92	77.0%
A A		Associate of Arts	216	10	206	38	60	9	14	30	7	55	83	26.7%
A S		Associate of Science	7	0	7	1	2	0	0	0	4	4	2	57.1%
AAA		Associate of Applied Arts	90	17	73	13	13	0	2	3	5	42	15	57.5%
AAS		Associate of Applied Science	2979	577	2402	176	286	77	87	73	54	1703	450	70.9%
C 2		Certificate, 2-Year	301	76	225	20	22	7	11	20	15	145	40	64.4%
C-1		Certificate, 1-Year	53	15	38	3	3	0	3	6	4	23	6	60.5%
N/		Non-degree seeking									1	0		
	(c)	Internal transfers up (lower to higher degree level)								-61	-61	61		
	(c)	Internal transfers (within same degree levels)								-109	-109	109		
	(c)	Internal transfers down (higher to lower degree level)								-32	-32	32		
TOTAL COLLEGE			4243	767	3476	267	443	108	137		-222	2521	688	72.5%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1-yr Certif.
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore, they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a)		Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
MAIN CAMPUS											
BUSINESS & COMPUTER TECHNOLOGIES											
BS		Business Administration	100	74	74.0%	3	3	20	2.9%	13	65.0%
BS		Computer Information Technology	40	30	75.0%	1	3	6	0.9%	3	50.0%
BS		Legal Assistant Studies	18	15	83.3%	0	0	3	0.4%	2	66.7%
BS		Technology Management	31	27	87.1%	0	1	3	0.4%	3	100.0%
AAS	(b)	Accounting	70	55	78.6%	2	1	12	1.7%	7	58.3%
AAS	(b)	Business Management	126	89	70.6%	12	3	22	3.2%	13	59.1%
AAS	(b)	Computer Information Systems	100	58	58.0%	11	10	21	3.1%	13	61.9%
AAS	(b)	Legal Assistant (Paralegal)	63	43	68.3%	8	2	10	1.5%	5	50.0%
AAS		Office Information Systems	27	17	63.0%	1	2	7	1.0%	4	57.1%
AAS	(b)	Office Technology/Admin	53	37	69.8%	5	1	10	1.5%	7	70.0%
AAS	(b)	Retail Management	4	4	100.0%	0	0	0	0.0%		#N/A
C-1	(b)	Computer Applications/Ops Technology	16	12	75.0%	1	0	3	0.4%	2	66.7%
C-1	(b)	Office Assistant	0	0	#N/A	0	0	0	0.0%		#N/A
	(c)	Internal transfers (within same school)		19			-19				
SCHOOL SUB-TOTAL			648	480	74.1%	44	7	117	17.0%	72	61.5%
CONSTRUCTION & DESIGN TECHNOLOGIES											
BS		Computer-Aided Product/Systems Design	0	0	#N/A	0	0	0	0.0%		#N/A
BS		Construction Management	48	41	85.4%	1	1	5	0.7%	3	60.0%
BS		Heating/Ventilation/AC (HVAC) Tech (BS)	14	12	85.7%	0	1	1	0.1%	1	100.0%
AAS		Architectural Technology	71	50	70.4%	5	3	13	1.9%	9	69.2%
AAS		Building Construction Technology	76	57	75.0%	7	2	10	1.5%	8	80.0%
AAS		Computer-Aided Drafting Tech/Design	74	55	74.3%	6	5	8	1.2%	5	62.5%
AAS		Electrical Tech	37	19	51.4%	5	7	6	0.9%	5	83.3%
AAS		HVAC Technology	100	81	81.0%	6	3	10	1.5%	7	70.0%
AAS	(b)	Industrial Maintenance Technology	18	3	16.7%	1	0	14	2.0%	9	64.3%
C 2		Cabinetmaking/Millwork	2	2	100.0%	0	0	0	0.0%		#N/A
C 2		Computer-Aided Drafting	1	1	100.0%	0	0	0	0.0%		#N/A
C 2		Construction/Carpentry	35	25	71.4%	5	0	5	0.7%	3	60.0%
C 2		Electrical Occupations	36	26	72.2%	3	0	7	1.0%	4	57.1%
C-1		Plumbing	2	1	50.0%	0	1	0	0.0%		#N/A
	(c)	Internal transfers (within same school)		18			-18				
SCHOOL SUB-TOTAL			514	391	76.1%	39	5	79	11.5%	54	68.4%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL			Returning Enrollment		Retention	Terminated	Internal	Total		Survey Responses (d)	
			Maximum	Actual	Rate (c)	Spring/ Summe	Transfers (c)	Leavers (c)	% of Total	N	Response Rate
HEALTH SCIENCES											
BS		Dental Hygiene (BS) - total	19	12	63.2%	0	2	5	0.7%	3	60.0%
BS		Nursing (BSN)	0	0	#N/A	0	0	0	0.0%		#N/A
BS		Physician Assistant - total	48	31	64.6%	1	1	15	2.2%	9	60.0%
AAS		Dental Hygiene - total	69	44	63.8%	6	8	11	1.6%	11	100.0%
AAS		Health Arts	8	4	50.0%	0	1	3	0.4%	2	66.7%
AAS	(b)	Nursing - total	164	116	70.7%	12	6	30	4.4%	17	56.7%
AAS	(b)	Occupational Therapy Assisting - total	136	92	67.6%	5	8	31	4.5%	17	54.8%
AAS		Radiography - total	55	37	67.3%	5	5	8	1.2%	5	62.5%
C 2	(b)	Practical Nursing - total	36	14	38.9%	1	13	8	1.2%	6	75.0%
C-1		Surgical Technology - total	16	10	62.5%	1	3	2	0.3%	1	50.0%
Susquehanna											
AAS	(b)	Nursing	22	16	72.7%	0	1	5	0.7%	5	100.0%
	(c)	Internal transfers (within same school)		32			-32				
SCHOOL SUB-TOTAL			573	408	71.2%	31	16	118	17.2%	76	64.4%
HOSPITALITY											
AAS		Baking/Pastry Arts	13	12	92.3%	1	0	0	0.0%		#N/A
AAS		Culinary Arts Tech	36	23	63.9%	6	4	3	0.4%	2	66.7%
AAS		Food/Hospitality Management	50	32	64.0%	6	2	10	1.5%	7	70.0%
C 2		Culinary Arts	5	1	20.0%	0	1	3	0.4%	2	66.7%
	(c)	Internal transfers (within same school)		5			-5				
SCHOOL SUB-TOTAL			104	73	70.2%	13	2	16	2.3%	11	68.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a)	Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
INDUSTRIAL AND ENGINEERING TECHNOLOGIES										
BS	Electronics Engineering Tech	13	10	76.9%	0	2	1	0.1%	1	100.0%
BS	Manufacturing Engineering Tech	32	25	78.1%	0	2	5	0.7%	3	60.0%
BS	Plastics/Polymer Engineering Tech	29	25	86.2%	0	0	4	0.6%	2	50.0%
BS	Welding/Fabrication Engineering Tech	10	6	60.0%	0	1	3	0.4%	2	66.7%
AAS	Automated Manufacturing Tech	15	12	80.0%	0	0	3	0.4%	2	66.7%
AAS	Civil Engineering Tech	47	38	80.9%	1	5	3	0.4%	2	66.7%
AAS	Electronics Tech	140	103	73.6%	10	2	25	3.6%	14	56.0%
AAS	Plastics/Polymer Tech	17	11	64.7%	0	3	3	0.4%	2	66.7%
AAS	Quality Assurance Tech	1	1	100.0%	0	0	0	0.0%		#N/A
AAS	Surveying Tech	5	5	100.0%	0	0	0	0.0%		#N/A
AAS	Toolmaking Tech	65	41	63.1%	2	11	11	1.6%	8	72.7%
AAS	Vocational Teacher Education	2	1	50.0%	0	0	1	0.1%	1	100.0%
AAS	Welding Tech	29	16	55.2%	0	5	8	1.2%	5	62.5%
AAS	Wood Products Manufacturing	4	1	25.0%	0	3	0	0.0%		#N/A
C 2	Machinist General	23	16	69.6%	2	1	4	0.6%	2	50.0%
C 2	Welding	10	7	70.0%	0	0	3	0.4%	2	66.7%
(c)	Internal transfers (within same school)		28			-28				
SCHOOL SUB-TOTAL		442	346	78.3%	15	7	74	10.8%	46	62.2%
INTEGRATED STUDIES										
BS	Applied Human Services	61	38	62.3%	7	4	12	1.7%	9	75.0%
BS	Graphic Design	46	37	80.4%	3	0	6	0.9%	5	83.3%
BS	Technical/Professional Comm	0	0	#N/A	0	0	0	0.0%		#N/A
AAA	Advertising Art	36	22	61.1%	5	1	8	1.2%	4	50.0%
A S	Biology	4	2	50.0%	1	0	1	0.1%	0	0.0%
AAA	Broadcast Comm	18	8	44.4%	4	1	5	0.7%	4	80.0%
AAS	Early Childhood Education	69	46	66.7%	6	2	15	2.2%	8	53.3%
A A (b)	General Studies	192	51	26.6%	37	29	75	10.9%	42	56.0%
AAS	Graphic Communication	42	28	66.7%	9	1	4	0.6%	3	75.0%
AAS (b)	Human Services	96	40	41.7%	14	12	30	4.4%	21	70.0%
AAS (b)	Individual/Technology Studies	9	3	33.3%	0	0	6	0.9%	3	50.0%
AAA	Mass Comm	19	12	63.2%	4	1	2	0.3%	2	100.0%
A S	Pre-Engineering	3	2	66.7%	0	0	1	0.1%	1	100.0%
(c)	Internal transfers (within same school)		25			-25				
SCHOOL SUB-TOTAL		595	314	52.8%	90	26	165	24.0%	102	61.8%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a)	Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
NATURAL RESOURCES MANAGEMENT/ TRANSPORTATION TECHNOLOGIES										
BS	Automotive Tech Management	13	11	84.6%	0	0	2	0.3%	1	50.0%
AAS	Auto Body Technology	19	11	57.9%	1	4	3	0.4%	1	33.3%
AAS	Automotive Engineering Tech	9	3	33.3%	2	2	2	0.3%	2	100.0%
AAS	Automotive Service Management	11	6	54.5%	1	1	3	0.4%	2	66.7%
AAS	Automotive Technology	80	63	78.8%	4	4	9	1.3%	5	55.6%
C 2	Automotive Service Technician	21	18	85.7%	3	0	0	0.0%		#N/A
C-1	Auto Body Technician	3	0	0.0%	1	1	1	0.1%	0	0.0%
(c)	Internal transfers (within same site)		9			-9				
Aviation Center										
BS	Aviation Maintenance Technology	3	2	66.7%	0	0	1	0.1%	1	100.0%
AAS	Aviation Technology	42	24	57.1%	1	3	14	2.0%	8	57.1%
AAS	Avionics Technology	7	6	85.7%	0	1	0	0.0%		#N/A
C 2	Aviation Maintenance Technician	4	3	75.0%	0	0	1	0.1%	1	100.0%
(c)	Internal transfers (within same site)		3			-3				
Aviation Center Sub-Total		56	38	67.9%	1	1	16	2.3%	10	62.5%
Earth Science Center										
AAS	Diesel Technology	19	15	78.9%	0	1	3	0.4%	3	100.0%
AAS	Environmental Tech	19	11	57.9%	1	0	7	1.0%	5	71.4%
AAS	Forest Tech-Forestry/Wood Products	78	61	78.2%	5	1	11	1.6%	7	63.6%
AAS	Heavy Construction Equipment Technology	28	21	75.0%	0	2	5	0.7%	3	60.0%
AAS	Interior Plantscape/Floral Design	12	8	66.7%	0	1	3	0.4%	2	66.7%
AAS	Landscape/Nursery Tech	57	45	78.9%	4	2	6	0.9%	4	66.7%
AAS	Urban Forestry	4	2	50.0%	0	0	2	0.3%	2	100.0%
C 2	Diesel Technician	11	10	90.9%	0	0	1	0.1%	1	100.0%
C 2	Heavy Construction Equipment Technician	23	12	52.2%	5	0	6	0.9%	5	83.3%
(c)	Internal transfers (within same site)		5			-5				
Earth Science Center Sub-Total		251	190	75.7%	15	2	44	6.4%	32	72.7%
(c)	Internal transfers (within same school)		3			-3				
SCHOOL SUB-TOTAL		463	352	76.0%	28	3	80	11.6%	53	66.3%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1996

SITE/SCHOOL Degree(a)		Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
NORTH CAMPUS											
AAS	(b)	Accounting	9	4	44.4%	0	0	5	0.7%	3	60.0%
AAS	(b)	Business Management	22	14	63.6%	2	1	5	0.7%	4	80.0%
AAS	(b)	Computer Information Systems	9	3	33.3%	1	0	5	0.7%	3	60.0%
A A	(b)	General Studies	14	4	28.6%	1	1	8	1.2%	6	75.0%
AAS	(b)	Health Arts-Practical Nursing	1	1	100.0%	0	0	0	0.0%		#N/A
AAS	(b)	Human Services	32	22	68.8%	1	0	9	1.3%	4	44.4%
AAS	(b)	Individual Studies	2	1	50.0%	0	0	1	0.1%	1	100.0%
AAS	(b)	Legal Assistant (Paralegal)	7	5	71.4%	0	0	2	0.3%	0	0.0%
	(b)	Nursing - Advanced Placement	1	1	100.0%	0	0	0	0.0%		#N/A
	(b)	Occupational Therapy Assisting - pre-major	1	0	0.0%	0	1	0	0.0%		#N/A
AAS	(b)	Office Technology/Admin	20	17	85.0%	1	0	2	0.3%	1	50.0%
C 2	(b)	Practical Nursing - total	18	10	55.6%	1	5	2	0.3%	1	50.0%
C-1	(b)	Computer Applications/Ops Technology	1	0	0.0%	0	1	0	0.0%		#N/A
	(c)	Internal transfers (within same campus)		7			-7				
NORTH CAMPUS SUB-TOTAL			137	89	65.0%	7	2	39	5.7%	23	59.0%
	(c)	Internal transfers (between schools)		68			-68				
SUB-TOTALS BY DEGREE LEVEL											
BS		Bachelor of Science	525	404	77.0%	16	13	92	13.4%	61	66.3%
A A		Associate of Arts	206	55	26.7%	38	30	83	12.1%	48	57.8%
A S		Associate of Science	7	4	57.1%	1	0	2	0.3%	1	50.0%
AAA		Associate of Applied Arts	73	42	57.5%	13	3	15	2.2%	10	66.7%
AAS		Associate of Applied Science	2402	1703	70.9%	176	73	450	65.4%	267	63.8%
C 2		Certificate, 2-Year	225	145	64.4%	20	20	40	5.8%	27	67.5%
C-1		Certificate, 1-Year	38	23	60.5%	3	6	6	0.9%	3	50.0%
	(c)	Internal transfers up (lower to higher degree level)		81			-81				
	(c)	Internal transfers (within same degree levels)		109			-109				
	(c)	Internal transfers down (higher to lower degree level)		32			-32				
TOTAL COLLEGE			3476	2521	72.5%	267	-227	688	100.0%	437	63.5%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1-yr Certif
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore, they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.
(d Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2B
RETENTION RATES & LEAVERS
BY PRE-MAJOR STATUS
SPRING TO FALL 1996

PRE-MAJOR STATUS / SITE/SCHOOL / Degree(a) Major			Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
PRE-MAJOR/ADVANCED PLACEMENT CANDIDATE											
MAIN CAMPUS											
HEALTH SCIENCES											
BS		Pre-Dental Hygiene (BS) - continuing	4	0	0.0%	0	2	2	0.3%	1	50.0%
BS		Physician Assistant - pre to major "transfers"	12	12			-12				
BS		Pre-Physician Assistant - continuing	36	19	52.8%	1	13	15	2.2%	9	60.0%
BS		Pre-Physician Assistant - total	48	31	64.6%	1	1	15	2.2%	9	60.0%
AAS		Dental Hygiene - pre- to major "transfers"	19	19			-19				
AAS		Pre-Dental Hygiene - continuing	20	2	10.0%	5	24	8	1.2%	8	100.0%
AAS		Pre-Dental Hygiene - total	39	21	53.8%	5	5	8	1.2%	8	100.0%
AAS	(b)	Nursing - Advanced Placement to major "transfers"	14	14			-14				
AAS	(b)	Nursing - pre- to major "transfers"	27	27			-27				
AAS	(b)	Advanced Placement Nursing - continuing	21	14	66.7%	1	15	5	0.7%	3	60.0%
AAS	(b)	Pre-Nursing - continuing	48	16	33.3%	10	32	17	2.5%	9	52.9%
AAS	(b)	Pre/Advanced Placement Nursing - total	110	71	64.5%	11	6	22	3.2%	12	54.5%
AAS	(b)	Occupational Therapy Asst - pre- to major "transfers"	26	26			-26				
AAS	(b)	Pre-Occupational Therapy Asst - continuing	75	33	44.0%	5	34	29	4.2%	16	55.2%
AAS	(b)	Pre-Occupational Therapy Assisting - total	101	59	58.4%	5	8	29	4.2%	16	55.2%
AAS		Radiography - pre- to major "transfers"	12	12			-12				
AAS		Pre-Radiography - continuing	21	6	28.6%	5	15	7	1.0%	5	71.4%
AAS		Pre-Radiography - total	33	18	54.5%	5	3	7	1.0%	5	71.4%
C 2	(b)	Pre-Practical Nursing - continuing	7	1	14.3%	1	0	5	0.7%	4	80.0%
C-1		Surgical Tech - pre- to major "transfers"	5	5			-5				
C-1		Pre-Surgical Tech - continuing	10	5	50.0%	1	7	2	0.3%	1	50.0%
C-1		Pre-Surgical Technology - total	15	10	66.7%	1	2	2	0.3%	1	50.0%
Susquehanna											
AAS	(b)	Advanced Placement Nursing - continuing	22	16	72.7%	0	1	5	0.7%	5	100.0%
NORTH CAMPUS											
	(b)	Advanced Placement Nursing - continuing	1	1	100.0%	0	0	0	0.0%	0	#N/A
	(b)	Pre-Occupational Therapy Asst	1	0	0.0%	0	1	0	0.0%	0	#N/A
C 2	(b)	Practical Nursing - pre- to major "transfers"	3	3			-3				
C 2	(b)	Pre-Practical Nursing - continuing	2	0	0.0%	0	4	1	0.1%	1	100.0%
C 2	(b)	Pre-Practical Nursing - total	5	3	60.0%	0	1	1	0.1%	1	100.0%
SUB-TOTALS BY PRE-MAJOR STATUS											
		Pre-Major - continuing	224	82	36.6%	28	132	86	12.5%	54	62.8%
		Advanced Placement Candidate - continuing	44	31	70.5%	1	18	10	1.5%	8	80.0%
		Pre/AP to Major "transfers"	118	118			-118				
		Total Pre-Major	386	231	59.8%	29	30	96	14.0%	62	64.6%
		In-Major	3090	2290	74.1%	238	-30	592	86.0%	375	63.3%
TOTAL COLLEGE			3476	2521	72.5%	267		688	100.0%	437	63.5%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1 yr Certif
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.
(d Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1996

GEOGRAPHIC AREA/ County		Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
IN-STATE/									
	IMMEDIATE (NORTHCENTRAL) AREA								
41	Lycoming	1228	876	71.3%	96	256	37.2%	137	53.5%
8	Bradford	70	50	71.4%	4	16	2.3%	10	62.5%
18	Clinton	227	168	74.0%	14	45	6.5%	32	71.1%
47	Montour	42	33	78.6%	2	7	1.0%	5	71.4%
49	Northumberland	255	186	72.9%	18	51	7.4%	37	72.5%
53	Potter	37	19	51.4%	4	14	2.0%	7	50.0%
55	Snyder	66	50	75.8%	5	11	1.6%	8	72.7%
57	Sullivan	20	12	60.0%	4	4	0.6%	3	75.0%
59	Tioga	164	122	74.4%	6	36	5.2%	20	55.6%
60	Union	95	71	74.7%	9	15	2.2%	10	66.7%
	IMMEDIATE AREA SUB-TOTAL	2204	1587	72.0%	162	455	66.1%	269	59.1%
	NORTHEAST AREA								
6	Berks	40	32	80.0%	4	4	0.6%	2	50.0%
13	Carbon	7	7	100.0%		0	0.0%		#N/A
19	Columbia	86	63	73.3%	5	18	2.6%	13	72.2%
35	Lackawanna	13	12	92.3%		1	0.1%	0	0.0%
39	Lehigh	42	34	81.0%		8	1.2%	7	87.5%
40	Luzerne	30	25	83.3%	1	4	0.6%	4	100.0%
45	Monroe	7	5	71.4%		2	0.3%	1	50.0%
48	Northampton	18	16	88.9%	1	1	0.1%	1	100.0%
52	Pike	4	4	100.0%		0	0.0%		#N/A
54	Schuylkill	54	36	66.7%	8	10	1.5%	7	70.0%
58	Susquehanna	16	11	68.8%	1	4	0.6%	3	75.0%
64	Wayne	11	6	54.5%	3	2	0.3%	1	50.0%
66	Wyoming	12	5	41.7%	3	4	0.6%	4	100.0%
	AREA SUB-TOTAL	340	256	75.3%	26	58	8.4%	43	74.1%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1996

	GEOGRAPHIC AREA/ County	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
	SOUTHEAST AREA								
1	Adams	15	11	73.3%	2	2	0.3%	1	50.0%
9	Bucks	35	28	80.0%	1	6	0.9%	5	83.3%
15	Chester	23	14	60.9%	3	6	0.9%	4	66.7%
21	Cumberland	39	28	71.8%	4	7	1.0%	5	71.4%
22	Dauphin	43	36	83.7%	3	4	0.6%	3	75.0%
23	Delaware	11	6	54.5%	2	3	0.4%	1	33.3%
28	Franklin	7	5	71.4%		2	0.3%	2	100.0%
36	Lancaster	41	32	78.0%	6	3	0.4%	1	33.3%
38	Lebanon	27	18	66.7%	3	6	0.9%	5	83.3%
46	Montgomery	43	28	65.1%	5	10	1.5%	5	50.0%
50	Perry	7	6	85.7%		1	0.1%	1	100.0%
51	Philadelphia	6	2	33.3%	3	1	0.1%	0	0.0%
67	York	62	45	72.6%	3	14	2.0%	12	85.7%
	AREA SUB-TOTAL	359	259	72.1%	35	65	9.4%	45	69.2%
	CENTRAL AREA								
5	Bedford	12	8	66.7%		4	0.6%	4	100.0%
7	Blair	36	23	65.7%	4	8	1.2%	5	62.5%
11	Cambria	26	20	76.9%	2	4	0.6%	4	100.0%
12	Cameron	5	3	60.0%		2	0.3%	1	50.0%
14	Centre	103	75	72.8%	10	18	2.6%	16	88.9%
17	Clearfield	48	34	70.8%	7	7	1.0%	6	85.7%
24	Elk	33	15	45.5%	2	16	2.3%	11	68.8%
27	Forest	2	1	50.0%		1	0.1%	0	0.0%
29	Fulton			#N/A		0	0.0%		#N/A
31	Huntingdon	21	19	90.5%	1	1	0.1%	1	100.0%
34	Juniata	11	9	81.8%		2	0.3%	2	100.0%
42	Mc Kean	21	18	85.7%	1	2	0.3%	0	0.0%
44	Mifflin	23	17	73.9%	1	5	0.7%	5	100.0%
56	Somerset	10	9	90.0%		1	0.1%	1	100.0%
62	Warren	17	13	76.5%	1	3	0.4%	3	100.0%
	AREA SUB-TOTAL	367	264	71.9%	29	74	10.8%	59	79.7%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1996

GEOGRAPHIC AREA/ County		Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
WEST AREA									
2	Allegheny	3	1	33.3%		2	0.3%	1	50.0%
3	Armstrong	6	4	66.7%	2	0	0.0%		#N/A
4	Beaver	3	3	100.0%		0	0.0%		#N/A
10	Butler	3	3	100.0%		0	0.0%		#N/A
16	Clarion	8	7	87.5%	1	0	0.0%		#N/A
20	Crawford	12	8	66.7%		4	0.6%	2	50.0%
25	Erie	8	7	87.5%		1	0.1%	1	100.0%
26	Fayette	1	1	100.0%		0	0.0%		#N/A
30	Greene			#N/A		0	0.0%		#N/A
32	Indiana	11	7	63.6%		4	0.6%	1	25.0%
33	Jefferson	11	8	72.7%	1	2	0.3%	2	100.0%
37	Lawrence	2	1	50.0%	1	0	0.0%		#N/A
43	Mercer	2	1	50.0%		1	0.1%	1	100.0%
61	Venango	11	8	72.7%	2	1	0.1%	1	100.0%
63	Washington			#N/A		0	0.0%		#N/A
65	Westmoreland	1	1	100.0%		0	0.0%		#N/A
AREA SUB-TOTAL		82	60	73.2%	7	15	2.2%	9	60.0%
	County unknown	15	9	60.0%	1	5	0.7%	4	80.0%
IN-STATE SUB-TOTAL		3367	2435	72.3%	260	672	97.7%	429	63.8%
OUT-OF-STATE		98	77	78.6%	6	15	2.2%	8	53.3%
INTERNATIONAL		11	9	81.8%	1	1	0.1%	0	0.0%
TOTAL COLLEGE		3476	2521	72.5%	267	688	100.0%	437	63.5%

(a) Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 4
RETENTION RATES & LEAVERS
BY SEX
SPRING TO FALL 1996

Sex	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Female	1496	1071	71.6%	103	322	46.8%	204	63.4%
Male	1980	1450	73.2%	164	366	53.2%	233	63.7%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%

TABLE 5
RETENTION RATES & LEAVERS
BY AGE
SPRING TO FALL 1996

Age	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
17 - 19	1148	813	70.8%	144	191	27.8%	133	69.6%
20 - 24	1122	809	72.1%	77	236	34.3%	143	60.6%
25 - 29	401	292	72.8%	22	87	12.6%	54	62.1%
30 - 39	526	390	74.1%	18	118	17.2%	71	60.2%
40+	279	217	77.8%	6	56	8.1%	36	64.3%
Not given			#N/A		0	0.0%		#N/A
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%
Average Age	24.9	25.1		21.6	25.4		25.3	

TABLE 6
RETENTION RATES & LEAVERS
BY RACE/ETHNIC BACKGROUND
SPRING TO FALL 1996

Race/Ethnic Background	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Minorities								
International	11	9	81.8%	1	1	0.1%	0	0.0%
African-American	114	72	63.2%	19	23	3.3%	12	52.2%
Asian-American	40	29	72.5%	6	6	0.9%	4	66.7%
Hispanic-American	17	9	52.9%	3	5	0.7%	2	40.0%
Native American	5	3	60.0%	2	0	0.0%		#N/A
Minority Sub-Total	187	122	65.2%	30	35	5.1%	18	51.4%
White	3289	2399	72.9%	237	653	94.9%	419	64.2%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 7
RETENTION RATES & LEAVERS
BY FAMILY INCOME
SPRING TO FALL 1996

Family Income	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
< $19,000	1098	764	69.6%	107	227	37.7%	134	59.0%
$19,000 - $29,999	583	428	73.4%	36	119	19.8%	76	63.9%
Under $30,000 Sub-Total	1681	1192	70.9%	143	346	57.5%	210	60.7%
$30,000 - $39,999	450	347	77.1%	21	82	13.6%	52	63.4%
$40,000 - $49,999	303	223	73.6%	29	51	8.5%	41	80.4%
$50,000 +	666	498	74.8%	45	123	20.4%	85	69.1%
$40,000 + Sub-Total	969	721	74.4%	74	174	28.9%	126	72.4%
TOTAL	3100	2280	72.9%	238	602	87.5%	388	64.5%
Not given	376	261	69.4%	29	86	12.5%	49	57.0%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%

TABLE 8
RETENTION RATES & LEAVERS
BY HIGH SCHOOL CLASS RANK
SPRING TO FALL 1996

High School Rank	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Top 3rd	657	533	81.1%	11	113	21.2%	76	67.3%
Middle 3rd	972	753	77.5%	47	172	32.3%	116	67.4%
Bottom 3rd	1214	828	68.2%	139	247	46.4%	152	61.5%
TOTAL	2843	2114	74.4%	197	532	100.0%	344	64.7%
Not given	633	407	64.3%	70	156	22.7%	93	59.6%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%

TABLE 9
RETENTION RATES & LEAVERS
BY EXPECTED EMPLOYMENT STATUS
SPRING TO FALL 1996

Expected Employment while in College	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
None	942	696	73.9%	68	178	28.0%	115	64.6%
Part-time, < 20 hours/week	1310	962	73.4%	122	226	35.6%	142	62.8%
Part-time, 20 + hours/week	615	425	69.1%	80	140	22.0%	84	60.0%
Full-time	339	237	69.9%	11	91	14.3%	58	63.7%
TOTAL	3206	2320	72.4%	251	635	92.3%	399	62.8%
Not given	270	201	74.4%	16	53	7.7%	38	71.7%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 10
RETENTION RATES & LEAVERS
BY SPRING SEMESTER CREDIT LOAD
SPRING TO FALL 1996

Spring Semester Credit Load	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Part-Time								
0.5 - 6.0	472	283	60.0%	31	158	23.0%	100	63.3%
6.5 - 11.5	331	214	64.7%	26	91	13.2%	62	68.1%
Part-Time Sub-Total	803	497	61.9%	57	249	36.2%	162	65.1%
Full-Time								
12.0 - 14.5	1323	913	69.0%	144	266	38.7%	162	60.9%
15.0 - 17.5	962	792	82.3%	51	119	17.3%	76	63.9%
18.0 +	388	319	82.2%	15	54	7.8%	37	68.5%
Full-Time Sub-Total	2673	2024	75.7%	210	439	63.8%	275	62.6%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%
Average Spring Semester Credit Load	12.7	13.2		12.4	11.3		11.2	

TABLE 11
RETENTION RATES & LEAVERS
BY SPRING SEMESTER GRADE POINT AVERAGE (GPA)
SPRING TO FALL 1996

Spring Semester GPA	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Under 2.0								
< 1.50	477	127	26.6%	245	105	17.6%	48	45.7%
1.50 - 1.99	273	206	75.5%	10	57	9.6%	36	63.2%
Sub-Total	750	333	44.4%	255	162	27.2%	84	51.9%
2.0 +								
2.00 - 2.49	570	453	79.5%	3	114	19.1%	67	58.8%
2.50 - 2.99	536	441	82.3%	3	92	15.4%	59	64.1%
3.00 - 3.49	670	565	84.3%	1	104	17.4%	68	65.4%
3.50 - 3.99	417	377	90.4%		40	6.7%	22	55.0%
4.00	417	333	79.9%		84	14.1%	49	58.3%
Sub-Total	2610	2169	83.1%	7	434	72.8%	265	61.1%
TOTAL	3360	2502	74.5%	262	596	86.6%	349	58.6%
No GPA (withdrew from all classes)	116	19	16.4%	5	92	13.4%	88	95.7%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%
Average Spring Semester GPA	2.60	2.86		0.44	2.47		2.56	

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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LEAVER SURVEY

TABLE 12
RETENTION RATES & LEAVERS
BY CUMULATIVE CREDITS
SPRING TO FALL 1996

Cumulative Credits	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
< 15	523	208	39.8%	164	151	21.9%	100	66.2%
15 - 29.5	767	536	69.9%	63	168	24.4%	109	64.9%
Under 30 Credit Sub-Total	1290	744	57.7%	227	319	46.4%	209	65.5%
30 - 44.5	972	818	84.2%	27	127	18.5%	80	63.0%
45 - 59.5	639	538	84.2%	8	93	13.5%	55	59.1%
30-60 Credit Sub-Total	1611	1356	84.2%	35	220	32.0%	135	61.4%
60 - 74.5	319	217	68.0%	5	97	14.1%	61	62.9%
75 - 89.5	114	76	66.7%		38	5.5%	23	60.5%
60-90 Credit Sub-Total	433	293	67.7%	5	135	19.6%	84	62.2%
90 - 104.5	75	67	89.3%		8	1.2%	6	75.0%
105 +	67	61	91.0%		6	0.9%	3	50.0%
90+ Credit Sub-Total	142	128	90.1%	0	14	2.0%	9	64.3%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%
Average Cumulative Credits	38.7	41.9		14.2	36.7		35.8	

TABLE 13
RETENTION RATES & LEAVERS
BY CUMULATIVE GRADE POINT AVERAGE (GPA)
SPRING TO FALL 1996

Cumulative GPA	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Under 2.0								
< 1.50	307	55	17.9%	205	47	7.0%	30	63.8%
1.50 - 1.99	319	185	58.0%	55	79	11.8%	45	57.0%
Sub-Total	626	240	38.3%	260	126	18.9%	75	59.5%
2.0 +								
2.00 - 2.49	687	518	75.4%	3	166	24.9%	109	65.7%
2.50 - 2.99	739	597	80.8%	2	140	21.0%	82	58.6%
3.00 - 3.49	678	561	82.7%	1	116	17.4%	81	69.8%
3.50 - 3.99	550	475	86.4%	1	74	11.1%	42	56.8%
4.00	175	130	74.3%		45	6.7%	28	62.2%
Sub-Total	2829	2281	80.6%	7	541	81.1%	342	63.2%
TOTAL	3455	2521	73.0%	267	667	96.9%	417	62.5%
No GPA (withdrew from all classes)	21	0	0.0%	0	21	3.1%	20	95.2%
TOTAL COLLEGE	3476	2521	72.5%	267	688	100.0%	437	63.5%
Average Cumulative GPA	2.69	2.89		0.94	2.63		2.64	

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process

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1994
LEAVER SURVEY

GENERAL INFORMATION
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DEMOGRAPHIC TABLES

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
MAIN CAMPUS													
BUSINESS & COMPUTER TECHNOLOGIES													
BS	Business Administration			0						28	0	0	#N/A
BS	Computer Information Technology	29		29	2	4		1	3	6	19	5	65.5%
BS	Legal Assistant Studies			0						6	0	0	#N/A
BS	Technology Management	39		39		1	2	3	3	2	30	6	76.9%
AAS (b)	Accounting	123	26	97	6	11		6	13	3	61	17	62.9%
AAS (b)	Business Management	178	25	153	12	21	7	14	15	13	84	42	54.9%
AAS (b)	Computer Information Systems	116	12	104	9	11	4	8	4	3	68	23	65.4%
AAS (b)	Legal Assistant (Paralegal)	73	14	59	4	1	1	3	5	6	45	5	76.3%
AAS	Office Information Systems	38	6	32	1	3	2			3	26	5	81.3%
AAS (b)	Office Technology/Admin	63	7	56	3	6	1	3	2	7	41	10	73.2%
AAS (b)	Retail Management	15	3	12	1	1	2	2	1	1	5	5	41.7%
C-1 (b)	Computer Applications/Ops Technology	15		15	1	1	1	2	1	4	9	4	60.0%
C-1 (b)	Office Assistant	9	2	7	2	1			1		3	1	42.9%
(c)	Internal transfers (within same school)								-40	-40	40		
SCHOOL SUB-TOTAL		698	95	603	41	61	20	42	8	42	431	123	71.5%
CONSTRUCTION & DESIGN TECHNOLOGIES													
BS	Construction Management	46	3	43	1	2		2	1	3	37	4	86.0%
AAS	Architectural Technology	98	28	70	9	3		4	1	1	53	7	75.7%
AAS	Building Construction Technology	90	24	66	5	12		7	4	1	38	19	57.6%
AAS	Computer-Aided Drafting Tech/Design	85	17	68	2	8	6	3	1		48	17	70.6%
AAS	Electrical Tech	82	22	60	3	13	1	1	1	1	41	15	68.3%
AAS	HVAC Technology	129	27	102	4	5	1	5	1	1	86	11	84.3%
C 2	Computer-Aided	4	1	3							3	0	100.0%
C 2	Construction/Carpentry	101	28	73	7	3	3	4	2	2	54	10	74.0%
C 2	Electrical Occupations	69	19	50	4	2		4	1		39	6	78.0%
C-1	Plumbing	5	2	3		1		1			1	2	33.3%
(c)	Internal transfers (within same school)								-7	-7	7		
SCHOOL SUB-TOTAL		709	171	538	35	49	11	31	5	2	407	91	75.7%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)		Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
HEALTH SCIENCES														
BS		Dental Hygiene (BS) - total	8	0	8	0	0	0	1	0	2	7	1	87.5%
AAS		Dental Hygiene - total	93	25	68	4	0	0	3	5	2	56	3	82.4%
AAS		Health Arts			0						8	0	0	#N/A
AAS	(b)	Nursing - total	386	81	285	14	14	11	22	20	2	204	47	71.6%
AAS	(b)	Occupational Therapy Assisting - total	156	27	129	5	16	2	7	9	3	90	25	69.8%
AAS		Radiography - total	93	17	76	5	5	1	11	7	0	47	17	61.8%
C 2	(b)	Practical Nursing - total	54	21	33	0	2	1	3	0	10	27	6	81.8%
C-1		Surgical Technology - total	33	11	22	2	4	2	1	8	3	5	7	22.7%
	(c)	Internal transfers (within same school)								-25	-25	25		
SCHOOL SUB-TOTAL			803	182	621	30	41	17	48	24	5	461	106	74.2%
HOSPITALITY														
AAS		Food/Hospitality Management	74	10	64	4	4	1	5	3	4	47	10	73.4%
C 2		Culinary Arts	52	17	35	4	1	3	2		2	25	6	71.4%
	(c)	Internal transfers (within same school)								-2	-2	2		
SCHOOL SUB-TOTAL			126	27	99	8	5	4	7	1	4	74	16	74.7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
INDUSTRIAL AND ENGINEERING TECHNOLOGIES													
BS	Manufacturing Engineering Tech	29	4	25		2	2			3	21	4	84.0%
BS	Plastics/Polymer Engineering Tech	18		18	1	1				4	16	1	88.9%
BS	Welding/Fabrication Engineering Tech	4	2	2							2	0	100.0%
AAS	Automated Manufacturing Tech	20	4	16		3	1		1		11	4	68.8%
AAS	Civil Engineering Tech	66	15	51	5	6	3	1	4	1	32	10	62.7%
AAS	Electronics Tech	217	53	164	15	17	7	9	6	2	110	33	67.1%
AAS	Plastics/Polymer Tech	37	4	33	5	4	2	1	4		17	7	51.5%
AAS	Quality Assurance Tech	3		3							3	0	100.0%
AAS	Toolmaking Tech	52	10	42	2	3	1	1	4		31	5	73.8%
AAS	Welding Tech	35	2	33	1	8		2	2	1	20	10	60.6%
AAS	Wood Products Manufacturing	4		4							4	0	100.0%
C 2	Machinist General	23	6	17	1	1	1	1		3	13	3	76.5%
C 2	Welding	18	7	11		2			2	2	7	2	63.6%
(c)	Internal transfers (within same school)								-12	-12	12		
SCHOOL SUB-TOTAL		526	107	419	30	47	17	15	11	4	299	79	71.4%
INTEGRATED STUDIES													
BS	Applied Human Services			0						13	0	0	#N/A
BS	Graphic Design			0						6	0	0	#N/A
AAA	Advertising Art	67	9	58	5	4	2	6	7	2	34	12	58.6%
AAA	Broadcast Comm	27		27	8	3		1	2	1	13	4	48.1%
AAS	Early Childhood Education	68	7	61	8	6	1	5	1	6	60	12	74.1%
A A (b)	General Studies	291	11	280	36	61	11	27	43	16	102	99	36.4%
AAS	Graphic Communication	58	13	45	7	4	2				32	6	71.1%
AAS (b)	Human Services	134	13	121	16	10	6	11	13	6	65	27	53.7%
AAS (b)	Individual/Technology Studies	38	5	33	2	11	3	3	6	4	8	17	24.2%
AAA	Mass Comm	26	7	19	3	3	1	2	1	4	9	6	47.4%
(c)	Internal transfers (within same school)								-33	-33	33		
SCHOOL SUB-TOTAL		729	65	664	85	102	26	55	40	25	356	183	53.6%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c): Out	Internal Transfers (c): In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
NATURAL RESOURCES MANAGEMENT/ TRANSPORTATION TECHNOLOGIES													
BS	Automotive Tech Management	3		3			1			1	2	1	66.7%
AAS	Auto Body Technology	45	9	36		4		5		1	27	9	75.0%
AAS	Automotive Engineering Tech	7	2	5			1		1		3	1	60.0%
AAS	Automotive Service Management	12	4	8	3					1	5	0	62.5%
AAS	Automotive Technology	65	12	53	8	2		2	1	1	40	4	75.5%
C 2	Automotive Service Technician	18	5	13	2	1	1	2	1		6	4	46.2%
C-1	Auto Body Technician	6		6	1	1			2	1	2	1	33.3%
(c)	Internal transfers (within same site)								-3	-3	3		
Aviation Center													
AAS	Aviation Technology	64	6	58	2	9		5	2	1	40	14	69.0%
AAS	Avionics Technology	16	5	11		1	1				9	2	81.8%
C 2	Aviation Maintenance Technician	20	9	11		2		1	1	3	7	3	63.6%
(c)	Internal transfers (within same site)								-3	-3	3		
Aviation Center Sub-Total		100	20	80	2	12	1	8	0	1	59	19	73.8%
Earth Science Center													
AAS	Diesel Technology	21	4	17	1	2		1	2		11	3	64.7%
AAS	Environmental Tech			0						3	0	0	#N/A
AAS	Forest Tech-Forestry/Wood Products	80	19	61	3	10	3	2	3	1	40	15	65.6%
AAS	Heavy Construction Equipment Technology	19	4	15	3					1	12	0	80.0%
AAS	Interior Plantscape/Floral Design	24	7	17	1			3			13	3	76.5%
AAS	Landscape/Nursery Tech	76	20	56	7	6	1	5		3	37	12	66.1%
AAS	Urban Forestry	7	2	5							5	0	100.0%
C 2	Diesel Technician	22	8	14	1	3	1		1	2	8	4	57.1%
C 2	Heavy Construction Equipment Technician	25	7	18	2			3			13	3	72.2%
(c)	Internal transfers (within same site)								-3	-3	3		
Earth Science Center Sub-Total		274	71	203	18	21	5	14	3	7	142	40	70.0%
(c)	Internal transfers (within same school)									0	0		
SCHOOL SUB-TOTAL		530	123	407	34	41	9	29	5	10	289	79	71.0%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 1
RETENTION/ATTRITION SUMMARY
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Spring Enrollment	Spring/ Summer Grads	Maximum Returning Enrollment	Terminated Spring/ Summer	Fall Semester Status: Not Scheduled	Not Registered	Withdrew Before 3rd Week	Internal Transfers (c) Out	Internal Transfers (c) In	Returning Enrollment	Total Leavers (c)	Retention Rate (c)
NORTH CAMPUS													
AAS (b)	Accounting	22	6	16	1	2		1			12	3	75.0%
AAS (b)	Business Management	26	5	21	2	4	1	3			11	8	62.4%
AAS (b)	Computer Information Systems	9	2	7		1		2			4	3	57.1%
A A (b)	General Studies	8	1	7		3		2			2	5	28.6%
AAS (b)	Human Services	43	5	38	1	4	1	6		1	27	10	71.1%
AAS (b)	Individual Studies	4	2	2	1			1		1	0	1	0.0%
AAS (b)	Legal Assistant (Paralegal)	25	6	19		2	2			1	15	4	78.9%
(b)	Nursing - pre-major	4		4			1		2		1	1	25.0%
AAS (b)	Office Technology/Admin	17	7	10	3	1	1			1	5	2	50.0%
C 2 (b)	Practical Nursing - total	29	0	29	0	1	1	2	3	2	22	4	75.9%
C-1 (b)	Computer Applications/Ops Technology	12	8	4	1			1			2	1	50.0%
C-1 (b)	Office Assistant	1		1	1						0	0	0.0%
(c)	Internal transfers (within same campus)								-5	-5	5		
NORTH CAMPUS SUB-TOTAL		200	42	158	10	18	7	17	0	1	106	42	67.1%
(c)	Internal transfers (between schools)								-94	-93	94		
SUB-TOTALS BY DEGREE LEVEL													
BS	Bachelor of Science	176	9	167	4	10	5	7	2	69	139	22	83.2%
A A	Associate of Arts	299	12	287	36	64	11	29	43	16	104	104	36.2%
A S	Associate of Science	0	0	0	0	0	0	0	0	0	0	0	#N/A
AAA	Associate of Applied Arts	120	16	104	16	10	3	9	8	5	58	22	55.8%
AAS	Associate of Applied Science	3210	624	2586	188	254	78	172	88	39	1806	504	69.8%
C 2	Certificate, 2-Year	435	128	307	21	18	11	22	9	24	226	51	73.6%
C-1	Certificate, 1-Year	81	23	58	8	8	3	5	12	8	22	16	37.9%
ND	Non-degree seeking									1	0		
(c)	Internal transfers up (lower to higher degree level)								-88	-88	88		
(c)	Internal transfers (within same degree levels)								-107	-107	107		
(c)	Internal transfers down (higher to lower degree level)								-34	-34	34		
TOTAL COLLEGE		4321	812	3509	273	384	111	244		-229	2517	719	71.7%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1-yr Certif.
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore, they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)		Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
MAIN CAMPUS											
BUSINESS & COMPUTER TECHNOLOGIES											
BS		Computer Information Technology	29	19	65.5%	2	3	5	0.7%	3	60.0%
BS		Technology Management	39	30	76.9%	0	3	6	0.8%	5	83.3%
AAS	(b)	Accounting	97	61	62.9%	6	13	17	2.4%	12	70.6%
AAS	(b)	Business Management	153	84	54.9%	12	15	42	5.8%	25	59.5%
AAS	(b)	Computer Information Systems	104	68	65.4%	9	4	23	3.2%	17	73.9%
AAS	(b)	Legal Assistant (Paralegal)	59	45	76.3%	4	5	5	0.7%	3	60.0%
AAS		Office Information Systems	32	26	81.3%	1	0	5	0.7%	3	60.0%
AAS	(b)	Office Technology/Admin	56	41	73.2%	3	2	10	1.4%	9	90.0%
AAS	(b)	Retail Management	12	5	41.7%	1	1	5	0.7%	5	100.0%
C-1	(b)	Computer Applications/Ops Technology	15	9	60.0%	1	1	4	0.6%	3	75.0%
C-1	(b)	Office Assistant	7	3	42.9%	2	1	1	0.1%	1	100.0%
	(c)	Internal transfers (within same school)		40			-40				
SCHOOL SUB-TOTAL			603	431	71.5%	41	8	123	17.1%	86	69.9%
CONSTRUCTION & DESIGN TECHNOLOGIES											
BS		Construction Management	43	37	86.0%	1	1	4	0.6%	4	100.0%
AAS		Architectural Technology	70	53	75.7%	9	1	7	1.0%	5	71.4%
AAS		Building Construction Technology	66	38	57.6%	5	4	19	2.6%	13	68.4%
AAS		Computer-Aided Drafting Tech/Design	68	48	70.6%	2	1	17	2.4%	11	64.7%
AAS		Electrical Tech	60	41	68.3%	3	1	15	2.1%	9	60.0%
AAS		HVAC Technology	102	86	84.3%	4	1	11	1.5%	9	81.8%
C 2		Computer-Aided	3	3	100.0%	0	0	0	0.0%		#N/A
C 2		Construction/Carpentry	73	54	74.0%	7	2	10	1.4%	7	70.0%
C 2		Electrical Occupations	50	39	78.0%	4	1	6	0.8%	4	66.7%
C-1		Plumbing	3	1	33.3%	0	0	2	0.3%	2	100.0%
	(c)	Internal transfers (within same school)		7			-7				
SCHOOL SUB-TOTAL			538	407	75.7%	35	5	91	12.7%	64	70.3%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)		Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
HEALTH SCIENCES											
BS		Dental Hygiene (BS) - total	8	7	87.5%	0	0	1	0.1%	1	100.0%
AAS		Dental Hygiene - total	68	56	82.4%	4	5	3	0.4%	3	100.0%
AAS		Health Arts	0	0	#N/A	0	0	0	0.0%		#N/A
AAS	(b)	Nursing - total	285	204	71.6%	14	20	47	6.5%	29	61.7%
AAS	(b)	Occupational Therapy Assisting - total	129	90	69.8%	5	9	25	3.5%	12	48.0%
AAS		Radiography - total	76	47	61.8%	5	7	17	2.4%	13	76.5%
C 2	(b)	Practical Nursing - total	33	27	81.8%	0	0	6	0.8%	3	50.0%
C-1		Surgical Technology - total	22	5	22.7%	2	8	7	1.0%	5	71.4%
	(c)	Internal transfers (within same school)		25			-25				
SCHOOL SUB-TOTAL			621	461	74.2%	30	24	106	14.7%	66	62.3%
HOSPITALITY											
AAS		Food/Hospitality Management	64	47	73.4%	4	3	10	1.4%	8	80.0%
C 2		Culinary Arts	35	25	71.4%	4	0	6	0.8%	4	66.7%
	(c)	Internal transfers (within same school)		2			-2				
SCHOOL SUB-TOTAL			99	74	74.7%	8	1	16	2.2%	12	75.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
INDUSTRIAL AND ENGINEERING TECHNOLOGIES										
BS	Manufacturing Engineering Tech	25	21	84.0%	0	0	4	0.6%	2	50.0%
BS	Plastics/Polymer Engineering Tech	18	16	88.9%	1	0	1	0.1%	1	100.0%
BS	Welding/Fabrication Engineering Tech	2	2	100.0%	0	0	0	0.0%		#N/A
AAS	Automated Manufacturing Tech	16	11	68.8%	0	1	4	0.6%	2	50.0%
AAS	Civil Engineering Tech	51	32	62.7%	5	4	10	1.4%	4	40.0%
AAS	Electronics Tech	164	110	67.1%	15	6	33	4.6%	21	63.6%
AAS	Plastics/Polymer Tech	33	17	51.5%	5	4	7	1.0%	4	57.1%
AAS	Quality Assurance Tech	3	3	100.0%	0	0	0	0.0%		#N/A
AAS	Toolmaking Tech	42	31	73.8%	2	4	5	0.7%	2	40.0%
AAS	Welding Tech	33	20	60.6%	1	2	10	1.4%	6	60.0%
AAS	Wood Products Manufacturing	4	4	100.0%	0	0	0	0.0%		#N/A
C 2	Machinist General	17	13	76.5%	1	0	3	0.4%	2	66.7%
C 2	Welding	11	7	63.6%	0	2	2	0.3%	1	50.0%
(c)	Internal transfers (within same school)		12			-12				
SCHOOL SUB-TOTAL		419	299	71.4%	30	11	79	11.0%	45	57.0%
INTEGRATED STUDIES										
BS	Applied Human Services	0	0	#N/A	0	0	0	0.0%		#N/A
BS	Graphic Design	0	0	#N/A	0	0	0	0.0%		#N/A
AAA	Advertising Art	58	34	58.6%	5	7	12	1.7%	6	50.0%
AAA	Broadcast Comm	27	13	48.1%	8	2	4	0.6%	4	100.0%
AAS	Early Childhood Education	81	60	74.1%	8	1	12	1.7%	8	66.7%
A A (b)	General Studies	280	102	36.4%	36	43	99	13.8%	68	68.7%
AAS	Graphic Communication	45	32	71.1%	7	0	6	0.8%	3	50.0%
AAS (b)	Human Services	121	65	53.7%	16	13	27	3.8%	17	63.0%
AAS (b)	Individual/Technology Studies	33	8	24.2%	2	6	17	2.4%	9	52.9%
AAA	Mass Comm	19	9	47.4%	3	1	6	0.8%	3	50.0%
(c)	Internal transfers (within same school)		33			-33				
SCHOOL SUB-TOTAL		664	356	53.6%	85	40	183	25.5%	118	64.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
NATURAL RESOURCES MANAGEMENT/ TRANSPORTATION TECHNOLOGIES										
BS	Automotive Tech Management	3	2	66.7%	0	0	1	0.1%	0	0.0%
AAS	Auto Body Technology	36	27	75.0%	0	0	9	1.3%	8	88.9%
AAS	Automotive Engineering Tech	5	3	60.0%	0	1	1	0.1%	1	100.0%
AAS	Automotive Service Management	8	5	62.5%	3	0	0	0.0%	0	#N/A
AAS	Automotive Technology	53	40	75.5%	8	1	4	0.6%	2	50.0%
C 2	Automotive Service Technician	13	6	46.2%	2	1	4	0.6%	3	75.0%
C-1	Auto Body Technician	6	2	33.3%	1	2	1	0.1%	1	100.0%
(c)	Internal transfers (within same site)		3			-3				
Aviation Center										
AAS	Aviation Technology	58	40	69.0%	2	2	14	1.9%	10	71.4%
AAS	Avionics Technology	11	9	81.8%	0	0	2	0.3%	1	50.0%
C 2	Aviation Maintenance Technician	11	7	63.6%	0	1	3	0.4%	3	100.0%
(c)	Internal transfers (within same site)		3			-3				
Aviation Center Sub-Total		80	59	73.8%	2	0	19	2.6%	14	73.7%
Earth Science Center										
AAS	Diesel Technology	17	11	64.7%	1	2	3	0.4%	2	66.7%
AAS	Forest Tech-Forestry/Wood Products	61	40	65.6%	3	3	15	2.1%	9	60.0%
AAS	Heavy Construction Equipment Technology	15	12	80.0%	3	0	0	0.0%		#N/A
AAS	Interior Plantscape/Floral Design	17	13	76.5%	1	0	3	0.4%	3	100.0%
AAS	Landscape/Nursery Tech	56	37	66.1%	7	0	12	1.7%	8	66.7%
AAS	Urban Forestry	5	5	100.0%	0	0	0	0.0%		#N/A
C 2	Diesel Technician	14	8	57.1%	1	1	4	0.6%	3	75.0%
C 2	Heavy Construction Equipment Technician	18	13	72.2%	2	0	3	0.4%	3	100.0%
(c)	Internal transfers (within same site)		3			-3				
Earth Science Center Sub-Total		203	142	70.0%	18	3	40	5.6%	28	70.0%
(c)	Internal transfers (within same school)		0			0				
SCHOOL SUB-TOTAL		407	289	71.0%	34	5	79	11.0%	57	72.2%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2A
RETENTION RATES & LEAVERS
BY SCHOOL & MAJOR
SPRING TO FALL 1994

SITE/SCHOOL Degree(a)	Major	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/ Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
NORTH CAMPUS										
AAS (b)	Accounting	16	12	75.0%	1	0	3	0.4%	2	66.7%
AAS (b)	Business Management	21	11	52.4%	2	0	8	1.1%	6	75.0%
AAS (b)	Computer Information Systems	7	4	57.1%	0	0	3	0.4%	3	100.0%
A A (b)	General Studies	7	2	28.6%	0	0	5	0.7%	3	60.0%
AAS (b)	Human Services	38	27	71.1%	1	0	10	1.4%	10	100.0%
AAS (b)	Individual Studies	2	0	0.0%	1	0	1	0.1%	1	100.0%
AAS (b)	Legal Assistant (Paralegal)	19	15	78.9%	0	0	4	0.6%	2	50.0%
(b)	Nursing - pre-major	4	1	25.0%	0	2	1	0.1%	1	100.0%
AAS (b)	Office Technology/Admin	10	5	50.0%	3	0	2	0.3%	2	100.0%
C 2 (b)	Practical Nursing - total	29	22	75.9%	0	3	4	0.6%	3	75.0%
C-1 (b)	Computer Applications/Ops Technology	4	2	50.0%	1	0	1	0.1%	1	100.0%
C-1 (b)	Office Assistant	1	0	0.0%	1	0	0	0.0%		#N/A
(c)	Internal transfers (within same campus)		5			-5				
NORTH CAMPUS SUB-TOTAL		158	106	67.1%	10	0	42	5.8%	34	81.0%
(c)	Internal transfers (between schools)		94			-94				
SUB-TOTALS BY DEGREE LEVEL										
BS	Bachelor of Science	187	139	83.2%	4	2	22	3.1%	16	72.7%
A A	Associate of Arts	287	104	36.2%	36	43	104	14.5%	71	68.3%
A S	Associate of Science	0	0	#N/A	0	0	0	0.0%	0	#N/A
AAA	Associate of Applied Arts	104	58	55.8%	16	8	22	3.1%	13	59.1%
AAS	Associate of Applied Science	2586	1806	69.8%	188	88	504	70.1%	333	66.1%
C 2	Certificate, 2-Year	307	226	73.6%	21	9	51	7.1%	36	70.6%
C-1	Certificate, 1-Year	58	22	37.9%	8	12	16	2.2%	13	81.3%
(c)	Internal transfers up (lower to higher degree level)		88			-88				
(c)	Internal transfers (within same degree levels)		107			-107				
(c)	Internal transfers down (higher to lower degree level)		34			-34				
TOTAL COLLEGE		3509	2517	71.7%	273	-229	719	100.0%	482	67.0%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1-yr Certif
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore, they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.
(d Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 2B
RETENTION RATES & LEAVERS
BY PRE-MAJOR STATUS
SPRING TO FALL 1994

PRE-MAJOR STATUS / SITE/SCHOOL / Degree(a) Major			Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate (c)	Terminated Spring/Summe	Internal Transfers (c)	Total Leavers (c)	% of Total	Survey Responses (d) N	Survey Responses (d) Response Rate
PRE-MAJOR/ADVANCED PLACEMENT CANDIDATE											
MAIN CAMPUS											
HEALTH SCIENCES											
AAS		Dental Hygiene - pre- to major "transfers"	18	18			-18				
AAS		Pre-Dental Hygiene - continuing	18	8	44.4%	4	21	3	0.4%	3	100.0%
AAS		Pre-Dental Hygiene - total	36	26	72.2%	4	3	3	0.4%	3	100.0%
AAS	(b)	Nursing - Advanced Placement to major "transfers"	29	29			-29				
AAS	(b)	Nursing - pre- to major "transfers"	53	53			-53				
AAS	(b)	Advanced Placement Nursing - continuing	37	24	64.9%	1	31	10	1.4%	6	60.0%
AAS	(b)	Pre-Nursing - continuing	101	40	39.6%	12	70	32	4.5%	19	59.4%
AAS	(b)	Pre/Advanced Placement Nursing - total	220	146	66.4%	13	19	42	5.8%	25	59.5%
AAS	(b)	Occupational Therapy Asst - pre- to major "transfers"	27	27			-27				
AAS	(b)	Pre-Occupational Therapy Asst - continuing	65	28	43.1%	5	36	23	3.2%	12	52.2%
AAS	(b)	Pre-Occupational Therapy Assisting - total	92	55	59.8%	5	9	23	3.2%	12	52.2%
AAS		Radiography - pre- to major "transfers"	20	20			-20				
AAS		Pre-Radiography - continuing	32	7	21.9%	5	26	14	1.9%	11	78.6%
AAS		Pre-Radiography - total	52	27	51.9%	5	6	14	1.9%	11	78.6%
C 2	(b)	Pre-Practical Nursing - continuing	12	8	66.7%	0	0	4	0.6%	2	50.0%
C-1		Surgical Tech - pre- to major "transfers"	5	5			-5				
C-1		Pre-Surgical Tech - continuing	14	0	0.0%	2	12	5	0.7%	3	60.0%
C-1		Pre-Surgical Technology - total	19	5	26.3%	2	7	5	0.7%	3	60.0%
NORTH CAMPUS											
	(b)	Pre-Nursing - continuing	4	1	25.0%	0	2	1	0.1%	1	100.0%
C 2	(b)	Practical Nursing - pre- to major "transfers"	11	11			-11				
C 2	(b)	Pre-Practical Nursing - continuing	5	1	20.0%	0	12	3	0.4%	2	66.7%
C 2	(b)	Pre-Practical Nursing - total	16	12	75.0%	0	1	3	0.4%	2	66.7%
SUB-TOTALS BY PRE-MAJOR STATUS											
		Pre-Major - continuing	251	93	37.1%	28	179	85	11.8%	53	62.4%
		Advanced Placement Candidate - continuing	37	24	64.9%	1	31	10	1.4%	6	60.0%
		Pre/AP to Major "transfers"	163	163			-163				
		Total Pre-Major	451	280	62.1%	29	47	95	13.2%	59	62.1%
		In-Major	3058	2237	73.2%	244	-47	624	86.8%	423	67.8%
TOTAL COLLEGE			3509	2517	71.7%	273		719	100.0%	482	67.0%

(a BS=Bachelor of Science, A A=Assoc. of Arts, A S=Assoc. of Science, AAA=Assoc. of Applied Arts, AAS=Assoc. of Applied Science, C 2=2-year Certif., C-1=1-yr Certif
(b Additional students enrolled in this major at other campuses or sites.
(c) Internal transfers (program changers) are retained within the College and perhaps within their school, but not by the program which they left. Therefore, they are not classified as leavers, but are detracted from calculations of program major retention rates, and from school retention rates if they changed schools.
(d Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1994

GEOGRAPHIC AREA/ County		Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
IN-STATE/									
IMMEDIATE (NORTHCENTRAL) AREA									
41	Lycoming	1346	955	71.0%	106	285	39.6%	189	66.3%
8	Bradford	90	68	75.6%	7	15	2.1%	10	66.7%
18	Clinton	183	144	78.7%	10	29	4.0%	23	79.3%
47	Montour	40	33	82.5%		7	1.0%	5	71.4%
49	Northumberland	261	171	65.5%	26	64	8.9%	46	71.9%
53	Potter	32	24	75.0%	2	6	0.8%	5	83.3%
55	Snyder	99	70	70.7%	4	25	3.5%	12	48.0%
57	Sullivan	24	18	75.0%		6	0.8%	6	100.0%
59	Tioga	186	125	67.2%	13	48	6.7%	36	75.0%
60	Union	126	91	72.2%	13	22	3.1%	12	54.5%
IMMEDIATE AREA SUB-TOTAL		2387	1699	71.2%	181	507	70.5%	344	67.9%
NORTHEAST AREA									
6	Berks	36	22	61.1%	6	8	1.1%	6	75.0%
13	Carbon	3	3	100.0%		0	0.0%		#N/A
19	Columbia	62	44	71.0%	6	12	1.7%	10	83.3%
35	Lackawanna	17	14	82.4%		3	0.4%	2	66.7%
39	Lehigh	19	14	73.7%	1	4	0.6%	3	75.0%
40	Luzerne	21	13	61.9%	2	6	0.8%	3	50.0%
45	Monroe	6	4	66.7%	1	1	0.1%	1	100.0%
48	Northampton	19	13	68.4%	2	4	0.6%	2	50.0%
52	Pike	5	3	60.0%	1	1	0.1%	1	100.0%
54	Schuylkill	45	31	68.9%	3	11	1.5%	6	54.5%
58	Susquehanna	14	12	85.7%	2	0	0.0%		#N/A
64	Wayne	10	7	70.0%	2	1	0.1%	1	100.0%
66	Wyoming	9	8	88.9%		1	0.1%	1	100.0%
AREA SUB-TOTAL		266	188	70.7%	26	52	7.2%	36	69.2%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1994

GEOGRAPHIC AREA/ County		Returning Enrollment Max-imum	Actual	Reten-tion Rate	Termi-nated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Response Rate
	SOUTHEAST AREA								
1	Adams	14	12	85.7%	1	1	0.1%	0	0.0%
9	Bucks	26	18	69.2%	3	5	0.7%	1	20.0%
15	Chester	17	13	76.5%		4	0.6%	3	75.0%
21	Cumberland	24	14	58.3%	1	9	1.3%	5	55.6%
22	Dauphin	47	34	72.3%	5	8	1.1%	5	62.5%
23	Delaware	3	3	100.0%		0	0.0%		#N/A
28	Franklin	10	4	40.0%	1	5	0.7%	5	100.0%
36	Lancaster	38	31	81.6%	1	6	0.8%	4	66.7%
38	Lebanon	11	9	81.8%	2	0	0.0%		#N/A
46	Montgomery	26	17	65.4%	1	8	1.1%	6	75.0%
50	Perry	4	3	75.0%		1	0.1%	1	100.0%
51	Philadelphia	8	4	50.0%		4	0.6%	3	75.0%
67	York	64	53	82.8%	4	7	1.0%	4	57.1%
	AREA SUB-TOTAL	292	215	73.6%	19	58	8.1%	37	63.8%
	CENTRAL AREA								
5	Bedford	3	1	33.3%	1	1	0.1%	1	100.0%
7	Blair	52	38	73.1%	8	6	0.8%	4	66.7%
11	Cambria	36	24	66.7%		12	1.7%	9	75.0%
12	Cameron	7	6	85.7%		1	0.1%	1	100.0%
14	Centre	106	79	74.5%	6	21	2.9%	12	57.1%
17	Clearfield	43	31	72.1%	3	9	1.3%	4	44.4%
24	Elk	38	35	92.1%		3	0.4%	3	100.0%
27	Forest	1	1	100.0%		0	0.0%		#N/A
29	Fulton	2	2	100.0%		0	0.0%		#N/A
31	Huntingdon	27	18	66.7%	6	3	0.4%	2	66.7%
34	Juniata	4	4	100.0%		0	0.0%		#N/A
42	Mc Kean	16	10	62.5%	1	5	0.7%	2	40.0%
44	Mifflin	41	23	56.1%	7	11	1.5%	5	45.5%
56	Somerset	14	9	64.3%		5	0.7%	4	80.0%
62	Warren	9	7	77.8%	1	1	0.1%	1	100.0%
	AREA SUB-TOTAL	399	288	72.2%	33	78	10.8%	48	61.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 3
RETENTION RATES & LEAVERS
BY GEOGRAPHIC AREA & COUNTY
SPRING TO FALL 1994

GEOGRAPHIC AREA/ County		Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/ Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
WEST AREA									
2	Allegheny	1	0	0.0%		1	0.1%	1	100.0%
3	Armstrong	2	2	100.0%		0	0.0%		#N/A
4	Beaver	0		#N/A -		0	0.0%		#N/A
10	Butler	5	4	80.0%		1	0.1%	1	100.0%
16	Clarion	7	5	71.4%	1	1	0.1%	1	100.0%
20	Crawford	5	3	60.0%	2	0	0.0%		#N/A
25	Erie	7	6	85.7%	1	0	0.0%		#N/A
26	Fayette	1	1	100.0%		0	0.0%		#N/A
30	Greene	0		#N/A		0	0.0%		#N/A
32	Indiana	13	13	100.0%		0	0.0%		#N/A
33	Jefferson	6	6	100.0%		0	0.0%		#N/A
37	Lawrence	2	1	50.0%		1	0.1%	1	100.0%
43	Mercer	2	1	50.0%		1	0.1%	1	100.0%
61	Venango	10	8	80.0%		2	0.3%	0	0.0%
63	Washington	0		#N/A		0	0.0%		#N/A
65	Westmoreland	2	0	0.0%	1	1	0.1%	1	100.0%
AREA SUB-TOTAL		63	50	79.4%	5	8	1.1%	6	75.0%
	County unknown	24	18	75.0%	1	5	0.7%	5	100.0%
IN-STATE SUB-TOTAL		3431	2458	71.6%	265	708	98.5%	476	67.2%
OUT-OF-STATE		68	49	72.1%	8	11	1.5%	6	54.5%
INTERNATIONAL		10	10	100.0%		0	0.0%		#N/A
TOTAL COLLEGE		3509	2517	71.7%	273	719	100.0%	482	67.0%

(a) Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
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TABLE 4
RETENTION RATES & LEAVERS
BY SEX
SPRING TO FALL 1994

Sex	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Female	1574	1158	73.4%	98	320	44.5%	230	71.9%
Male	1935	1361	70.3%	175	399	55.5%	252	63.2%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%

TABLE 5
RETENTION RATES & LEAVERS
BY AGE
SPRING TO FALL 1994

Age	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
17 - 19	1158	818	70.6%	141	199	27.7%	139	69.8%
20 - 24	1127	777	68.9%	93	257	35.7%	151	58.8%
25 - 29	387	275	71.1%	17	95	13.2%	71	74.7%
30 - 39	542	413	76.2%	15	114	15.9%	79	69.3%
40+	295	234	79.3%	7	54	7.5%	42	77.8%
Not given			#N/A		0	0.0%		#N/A
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%
Average Age	24.9	25.3		21.4	25.1		25.4	

TABLE 6
RETENTION RATES & LEAVERS
BY RACE/ETHNIC BACKGROUND
SPRING TO FALL 1994

Race/Ethnic Background	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Minorities								
International	10	10	100.0%	0	0	0.0%	0	#N/A
African-American	110	74	67.3%	17	19	2.6%	9	47.4%
Asian-American	14	12	85.7%	2	0	0.0%		#N/A
Hispanic-American	12	7	58.3%	1	4	0.6%	1	25.0%
Native American	6	2	33.3%	0	4	0.6%	3	75.0%
Minority Sub-Total	152	105	69.1%	20	27	3.8%	13	48.1%
White	3357	2412	71.8%	253	692	96.2%	469	67.8%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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TABLE 7
RETENTION RATES & LEAVERS
BY FAMILY INCOME
SPRING TO FALL 1994

Family Income	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
< $19,000	1195	821	68.7%	98	276	42.7%	178	64.5%
$19,000 - $29,999	771	565	73.3%	58	148	22.9%	109	73.6%
Under $30,000 Sub-Total	1966	1386	70.5%	156	424	65.5%	287	67.7%
$30,000 - $39,999	139	103	74.1%	11	25	3.9%	19	76.0%
$40,000 - $49,999	105	82	78.1%	8	15	2.3%	11	73.3%
$50,000 +	895	649	72.5%	63	183	28.3%	119	65.0%
$40,000 + Sub-Total	1000	731	73.1%	71	198	30.6%	130	65.7%
TOTAL	3105	2220	71.5%	238	647	90.0%	436	67.4%
Not given	404	297	73.5%	35	72	10.0%	46	63.9%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%

TABLE 8
RETENTION RATES & LEAVERS
BY HIGH SCHOOL CLASS RANK
SPRING TO FALL 1994

High School Rank	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Top 3rd	649	526	81.0%	15	108	18.8%	77	71.3%
Middle 3rd	958	716	74.7%	48	194	33.9%	128	66.0%
Bottom 3rd	1250	840	67.2%	139	271	47.3%	178	65.7%
TOTAL	2857	2082	72.9%	202	573	100.0%	383	66.8%
Not given	652	435	66.7%	71	146	20.3%	99	67.8%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%

TABLE 9
RETENTION RATES & LEAVERS
BY EXPECTED EMPLOYMENT STATUS
SPRING TO FALL 1994

Expected Employment while in College	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
None	1027	750	73.0%	84	193	28.8%	140	72.5%
Part-time, < 20 hours/week	1341	962	71.7%	110	269	40.2%	183	68.0%
Part-time, 20 + hours/week	551	381	69.1%	48	122	18.2%	69	56.6%
Full-time	331	241	72.8%	5	85	12.7%	58	68.2%
TOTAL	3250	2334	71.8%	247	669	93.0%	450	67.3%
Not given	259	183	70.7%	26	50	7.0%	32	64.0%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process

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TABLE 10
RETENTION RATES & LEAVERS
BY SPRING SEMESTER CREDIT LOAD
SPRING TO FALL 1994

Spring Semester Credit Load	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Part-Time								
0.5 - 6.0	491	306	62.3%	22	163	22.7%	108	66.3%
6.5 - 11.5	313	227	72.5%	24	62	8.6%	42	67.7%
Part-Time Sub-Total	804	533	66.3%	46	225	31.3%	150	66.7%
Full-Time								
12.0 - 14.5	1338	908	67.9%	139	291	40.5%	194	66.7%
15.0 - 17.5	969	754	77.8%	68	147	20.4%	100	68.0%
18.0 +	398	322	80.9%	20	56	7.8%	38	67.9%
Full-Time Sub-Total	2705	1984	73.3%	227	494	68.7%	332	67.2%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%
Average Spring Semester Credit Load	12.7	13.1		12.8	11.6		11.6	

TABLE 11
RETENTION RATES & LEAVERS
BY SPRING SEMESTER GRADE POINT AVERAGE (GPA)
SPRING TO FALL 1994

Spring Semester GPA	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Under 2.0								
< 1.50	484	147	30.4%	228	109	17.0%	65	59.6%
1.50 - 1.99	292	191	65.4%	19	82	12.8%	51	62.2%
Sub-Total	776	338	43.6%	247	191	29.7%	116	60.7%
2.0 +								
2.00 - 2.49	535	416	77.8%	3	116	18.0%	69	59.5%
2.50 - 2.99	528	446	84.5%	0	82	12.8%	53	64.6%
3.00 - 3.49	754	627	83.2%	1	126	19.6%	84	66.7%
3.50 - 3.99	407	343	84.3%		64	10.0%	46	71.9%
4.00	395	331	83.8%		64	10.0%	42	65.6%
Sub-Total	2619	2163	82.6%	4	452	70.3%	294	65.0%
TOTAL	3395	2501	73.7%	251	643	89.4%	410	63.8%
No GPA (withdrew from all classes)	114	16	14.0%	22	76	10.6%	72	94.7%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%
Average Spring Semester GPA	2.61	2.87		0.52	2.44		2.50	

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
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TABLE 12
RETENTION RATES & LEAVERS
BY CUMULATIVE CREDITS
SPRING TO FALL 1994

Cumulative Credits	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
< 15	513	230	44.8%	132	151	21.0%	105	69.5%
15 - 29.5	395	624	69.7%	84	187	26.0%	134	71.7%
Under 30 Credit Sub-Total	1408	854	60.7%	216	338	47.0%	239	70.7%
30 - 44.5	1037	868	83.7%	36	133	18.5%	89	66.9%
45 - 59.5	628	511	81.4%	18	99	13.8%	60	60.6%
30-60 Credit Sub-Total	1665	1379	82.8%	54	232	32.3%	149	64.2%
60 - 74.5	314	198	63.1%	3	113	15.7%	69	61.1%
75 - 89.5	62	38	61.3%	0	24	3.3%	17	70.8%
60-90 Credit Sub-Total	376	236	62.8%	3	137	19.1%	86	62.8%
90 - 104.5	38	27	71.1%	0	11	1.5%	8	72.7%
105 +	22	21	95.5%	0	1	0.1%	0	0.0%
90+ Credit Sub-Total	60	48	80.0%	0	12	1.7%	8	66.7%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%
Average Cumulative Credits	35.8	37.7		17.5	36.0		34.8	

TABLE 13
RETENTION RATES & LEAVERS
BY CUMULATIVE GRADE POINT AVERAGE (GPA)
SPRING TO FALL 1994

Cumulative GPA	Returning Enrollment Maximum	Returning Enrollment Actual	Retention Rate	Terminated Spring/Summer	Total Leavers	% of Total	Survey Responses (a) N	Survey Responses (a) Response Rate
Under 2.0								
< 1.50	275	46	16.7%	190	39	5.5%	28	71.8%
1.50 - 1.99	276	134	48.6%	58	84	11.8%	56	66.7%
Sub-Total	551	180	32.7%	248	123	17.3%	84	68.3%
2.0 +								
2.00 - 2.49	656	473	72.1%	9	174	24.4%	107	61.5%
2.50 - 2.99	816	647	79.3%	0	169	23.7%	115	68.0%
3.00 - 3.49	768	634	82.6%	4	130	18.3%	87	66.9%
3.50 - 3.99	534	446	83.5%	0	88	12.4%	65	73.9%
4.00	163	135	82.8%	0	28	3.9%	17	60.7%
Sub-Total	2937	2335	79.5%	13	589	82.7%	391	66.4%
TOTAL	3488	2515	72.1%	261	712	99.0%	475	66.7%
No GPA (withdrew from all classes)	21	2	9.5%	12	7	1.0%	7	100.0%
TOTAL COLLEGE	3509	2517	71.7%	273	719	100.0%	482	67.0%
Average Cumulative GPA	2.73	2.93		1.04	2.65		2.66	

(a Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

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1996 - 1994
LEAVER SURVEY

SURVEY RESPONSE TABLES

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 14
PRIMARY OBJECTIVE
IN ATTENDING PENN COLLEGE
1996 -1994

		1996			1994		
	Objective	Rank	N	%	Rank	N	%
1.	Upgrading current Job Skills	2	101	23.1%	2	103	21.4%
2.	Preparation for First Job	1	159	36.4%	1	142	29.5%
3.	Retraining for new job	4	65	14.9%	4	80	16.6%
4.	Transfer to 4-year college	3	69	15.8%	3	98	20.3%
5.	Personal interest	5	34	7.8%	5	51	10.6%
6.	Other objective		3	0.7%		3	0.6%
	Total Responses/Response Rate		431	98.6%		477	99.0%
	Not given		6	1.4%		5	1.0%
(a)	**TOTAL SURVEY RESPONDENTS**		437	100%		482	100%

(a) Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 15
REASON FOR NOT RETURNING
TO PENN COLLEGE
1996 - 1994

		1996								1994				
			Primary		Secondary		Tertiary		Total		Primary		Total	
	Reason for not returning	Rank	N	%	N	%	N	%	N	%	Rank	N	%	N	%
1.	Finished Needed Courses	5	30	6.9%	11	2.5%	5	1.1%	46	10.5%	6	31	6.4%	42	8.7%
2.	Travel Distance	12	11	2.5%	14	3.2%	13	3.0%	38	8.7%	13	8	1.7%	42	8.7%
3.	Transferred to Another College	2	53	12.1%	21	4.8%	11	2.5%	85	19.5%	2	72	14.9%	99	20.5%
4.	Satisfactory Employment	4	41	9.4%	15	3.4%	4	0.9%	60	13.7%	4	47	9.8%	67	13.9%
5.	Work/Class Time Conflicts	10	17	3.9%	9	2.1%	7	1.6%	33	7.6%	10	19	3.9%	50	10.4%
6.	Personal Financial Problems	3	44	10.1%	22	5.0%	10	2.3%	76	17.4%	3	57	11.8%	96	19.9%
7.	Poor Housing	18	4	0.9%	7	1.6%	3	0.7%	14	3.2%	19	4	0.8%	9	1.9%
8.	Relocated (moved)	9	18	4.1%	3	0.7%	2	0.5%	23	5.3%	8	23	4.8%	37	7.7%
9.	Grade Problems	15	8	1.8%	6	1.4%	6	1.4%	20	4.6%	12	10	2.1%	26	5.4%
10.	Poor Instruction	17	6	1.4%	8	1.8%	4	0.9%	18	4.1%	14	8	1.7%	20	4.1%
11.	Course Content	16	7	1.6%	12	2.7%	5	1.1%	24	5.5%	16	5	1.0%	15	3.1%
12.	Personal/Family Reasons	1	76	17.4%	18	4.1%	19	4.3%	113	25.9%	1	77	16.0%	117	24.3%
13.	Health Problems	6	28	6.4%	6	1.4%	1	0.2%	35	8.0%	7	27	5.6%	37	7.7%
14.	Unsatisfactory Advisor/Counselor	14	8	1.8%	9	2.1%	6	1.4%	23	5.3%	18	4	0.8%	21	4.4%
15.	Program Unavailable	11	12	2.7%	8	1.8%	4	0.9%	24	5.5%	11	14	2.9%	37	7.7%
16.	Unsure Career Goals	8	18	4.1%	11	2.5%	9	2.1%	38	8.7%	9	20	4.1%	54	11.2%
17.	Study Time Required	28	0	0.0%	0	0.0%	1	0.2%	1	0.2%	25	0	0.0%	15	3.1%
18.	Inconvenient Course Times	19	4	0.9%	3	0.7%	5	1.1%	12	2.7%	15	5	1.0%	27	5.6%
19.	Tuition & Costs	7	24	5.5%	31	7.1%	11	2.5%	66	15.1%	5	40	8.3%	103	21.4%
20.	Other reasons														
	Stopout/temporary leave/postponed	13	10	2.3%	4	0.9%	1	0.2%	15	3.4%	17	4	0.8%	21	4.4%
	Program Waiting List too long	22	2	0.5%	3	0.7%	0	0.0%	5	1.1%	22	1	0.2%	5	1.0%
	College Services/Offices unsatisfactory	20t	3	0.7%	0	0.0%	1	0.2%	4	0.9%	23	1	0.2%	2	0.4%
	Program/Dept. unsatisfactory	20t	3	0.7%	0	0.0%	1	0.2%	4	0.9%	20t	2	0.4%	2	0.4%
	Class cancelled/unavailable	25t	1	0.2%	0	0.0%	0	0.0%	1	0.2%		0	0.0%	0	0.0%
	Financial Aid problems	24	1	0.2%	3	0.7%	1	0.2%	5	1.1%	20t	2	0.4%	2	0.4%
	Local community unsatisfactory	25t	1	0.2%	0	0.0%	0	0.0%	1	0.2%	27	0	0.0%	1	0.2%
	Athletics lacking		0	0.0%	0	0.0%	0	0.0%	0	0.0%	26	0	0.0%	2	0.4%
	Academically not challenging enough	25t	1	0.2%	0	0.0%	0	0.0%	1	0.2%	24	1	0.2%	1	0.2%
	Lost interest in college	23	2	0.5%	1	0.2%	0	0.0%	3	0.7%		0	0.0%	0	0.0%
	Miscellaneous other reasons		4	0.9%	0	0.0%	0	0.0%	4	0.9%		0	0.0%	2	0.4%
	Not given		0	0.0%	212	48.5%	307	70.3%				0	0.0%		
(a)	TOTAL SURVEY RESPONDENTS		437	100%	437	100%	437	100%	437	100%		482	100%	482	100%

(a) Includes officially withdrawn leavers who did not respond to the survey - equivalent data is gathered thru the withdrawal process

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LEAVER SURVEY

TABLE 16
EDUCATIONAL & SOCIAL SATISFACTION
WITH PENN COLLEGE EXPERIENCE
1996 - 1994

		1996				1994			
		Educational Satisfaction		Social Satisfaction		Educational Satisfaction		Social Satisfaction	
	Level of satisfaction	N	%	N	%	N	%	N	%
1.	Very Disappointed	21	7.1%	20	6.8%	17	5.4%	8	2.7%
2.	Disappointed	32	10.8%	41	13.9%	42	13.5%	39	13.0%
3.	Satisfied	169	56.9%	188	63.7%	173	55.4%	202	67.6%
4.	Very Satisfied	75	25.3%	46	15.6%	80	25.6%	50	16.7%
	Total Responses/Response Rate	297	78.6%	295	78.0%	312	84.3%	299	80.8%
	Not given	81	21.4%	83	22.0%	58	15.7%	71	19.2%
TOTAL SURVEY RESPONDENTS		378	100%	378	100%	370	100%	370	100%
	Average Rating	3.00		2.88		3.01		2.98	

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 17
INSTRUCTIONAL
RATINGS
1996 - 1994

		1996										1994	
		Very Poor (1)		Poor (2)		Good (3)		Very Good (4)		Aver-age		Aver-age	
	Instructional Variable	N	%	N	%	N	%	N	%	Rating	Rank	Rating	Rank
a.	Instructional Quality	8	3%	22	8%	147	51%	112	39%	3.26	2	3.31	2
b.	Grading/Testing	5	2%	20	7%	189	65%	75	26%	3.16	6	3.24	6
c.	Instructor Interest	6	2%	29	10%	139	48%	115	40%	3.26	3	3.33	1
d.	Course Content	6	2%	18	6%	163	57%	101	35%	3.25	5	3.293	3
e.	Instructional Films/Tapes/etc.	13	5%	23	9%	153	59%	71	27%	3.08	7	3.02	7
f.	Hands-on Equipment	9	3%	19	7%	125	48%	105	41%	3.26	4	3.28	5
g.	Class Size	3	1%	4	1%	155	55%	122	43%	3.39	1	3.287	4
	INSTRUCTIONAL VARIABLE TOTALS	50	2.6%	135	6.9%	1071	54.7%	701	35.8%	3.24		3.26	

PENNSYLVANIA COLLEGE OF TECHNOLOGY
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TABLE 18
COLLEGE SERVICE
RATINGS
1996 - 1994

		1996										1994	
		Very Poor (1)		Poor (2)		Good (3)		Very Good (4)		Re-sponse	Aver-age		Aver-age	
	College Service Area	N	%	N	%	N	%	N	%	Rate	Rating	Rank	Rating	Rank
a.	Admissions Procedures	12	4%	28	10%	184	65%	59	21%	75%	3.02	8	3.10	5
b.	Financial Aid Services	24	10%	36	15%	130	54%	52	21%	64%	2.87	13	2.99	10
c.	Academic Advisement	16	6%	44	16%	153	57%	55	21%	71%	2.92	11	2.99	8
d.	Student Records/Scheduling	10	4%	46	16%	172	61%	54	19%	75%	2.96	10	3.10	6
e.	Billing/Payment Procedures	5	3%	19	10%	121	65%	41	22%	49%	3.06	5	3.09	7
f.	Student Orientation	7	4%	12	7%	111	69%	32	20%	43%	3.04	7	3.11	4
g.	Tutoring Center/Computer Lab	6	3%	12	7%	91	53%	64	37%	46%	3.23	1	3.25	1
h.	Counseling	10	7%	16	12%	75	56%	34	25%	36%	2.99	9	2.99	9
i.	Placement Test Day	3	2%	13	8%	115	68%	37	22%	44%	3.11	4	2.81	13
j.	Library Materials/Services	10	5%	5	3%	110	59%	62	33%	49%	3.20	2	3.22	2
k.	College Store Services/Prices	19	10%	39	21%	102	55%	27	14%	49%	2.73	16	2.70	15
l.	Food Services/Prices	15	9%	34	22%	89	56%	20	13%	42%	2.72	17	2.80	14
m.	Student Activities	11	6%	41	21%	120	60%	27	14%	53%	2.82	14	2.88	11
n.	Athletics/Fitness Center	9	6%	27	17%	98	61%	26	16%	42%	2.88	12	2.83	12
o.	Parking	87	34%	75	29%	75	29%	18	7%	67%	2.09	18	2.07	16
p.	Computer Labs	9	4%	17	7%	147	60%	74	30%	65%	3.16	3	3.16	3
q.	Child Care Center	6	15%	2	5%	26	65%	6	15%	11%	2.80	15	#N/A	
r.	Academic Support Services	7	4%	16	9%	106	63%	40	24%	45%	3.06	6	#N/A	
	COLLEGE SERVICE TOTALS	266	7.6%	482	13.8%	2025	57.8%	728	20.8%	51.5%	2.92		2.95	

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 19
BENEFIT OF COURSES
TO CAREER PLANS
1996 - 1994

	Benefit of Courses to Career	1996 N	1996 %	1994 N	1994 %
1.	Immediate Direct Benefit	62	25.8%	73	28.2%
2.	Long-Term Direct Benefit	82	34.2%	85	32.8%
3.	Indirect Benefit	51	21.3%	57	22.0%
4.	Little/No Benefit	45	18.8%	44	17.0%
	Total Responses/Response Rate	240	63.5%	259	70.0%
	Not given	138	36.5%	111	30.0%
	TOTAL SURVEY RESPONDENTS	378	100.0%	370	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 20
INTEREST IN TAKING
OTHER COURSES
1996 - 1994

		1996		1994		Total 1996 & 1994	
	Interest in taking other courses	N	%	N	%	N	%
2	**Not interested**	128	57.7%	136	55.5%	264	56.5%
1	Yes, interested in other courses:	94	42.3%	109	44.5%	203	43.5%
	Business/Computer Technologies						
	Accounting	1	0.5%	3	1.2%	4	0.9%
	Accounting II			1	0.4%	1	0.2%
	Accounting - Income Tax			1	0.4%	1	0.2%
	AIB	1	0.5%			1	0.2%
	Business Management	8	3.6%			8	1.7%
	Business Mgmt - Business Law			1	0.4%	1	0.2%
	Business Mgmt - Supervision			1	0.4%	1	0.2%
	Computer - Programming	1	0.5%			1	0.2%
	Computer Info Systems	8	3.6%	3	1.2%	11	2.4%
	Computer Info Technology (BS)			1	0.4%	1	0.2%
	Legal Assistant	1	0.5%	2	0.8%	3	0.6%
	Office Info - Desktop Publishing	1	0.5%			1	0.2%
	Office Tech - Clerical	1	0.5%			1	0.2%
	Office Tech - Executive	1	0.5%			1	0.2%
	Office Tech - Medical	1	0.5%	1	0.4%	2	0.4%
	Real Estate			1	0.4%	1	0.2%
	Courses remaining to complete major in:						
	Accounting	1	0.5%	1	0.4%	2	0.4%
	Business Administration (BS)	1	0.5%			1	0.2%
	Business Management	3	1.4%	6	2.4%	9	1.9%
	Computer Info Systems	1	0.5%			1	0.2%
	Office Technology			1	0.4%	1	0.2%
	Retail Management			1	0.4%	1	0.2%
	Construction/Design Technologies						
	Carpentry			1	0.4%	1	0.2%
	Computer-Aided Product Design	1	0.5%			1	0.2%
	Construction Management			1	0.4%	1	0.2%
	Electrical	1	0.5%			1	0.2%
	Electrical (BS)			1	0.4%	1	0.2%
	Electrical - Mobile Installation			1	0.4%	1	0.2%
	Industrial Maintenance	1	0.5%			1	0.2%
	Courses remaining to complete major in:						
	Computer-Aided Drafting			2	0.8%	2	0.4%
	Electrical Occupations	1	0.5%			1	0.2%
	Health Sciences						
	Dental Hygiene	2	0.9%			2	0.4%
	EMS/Paramedics	1	0.5%	1	0.4%	2	0.4%
	Medical Terminology	2	0.9%			2	0.4%
	Nursing (BSN)			1	0.4%	1	0.2%
	Nursing (RN)	3	1.4%	3	1.2%	6	1.3%
	Nursing - Fundamentals (LPN)	1	0.5%			1	0.2%
	Nursing	1	0.5%			1	0.2%
	Nursing - Advanced Placement courses	1	0.5%	1	0.4%	2	0.4%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 20
INTEREST IN TAKING
OTHER COURSES
1996 - 1994

	1996		1994		Total 1996 & 1994	
Interest in taking other courses	N	%	N	%	N	%
Nursing - associated courses			1	0.4%	1	0.2%
Occupational Therapy	1	0.5%	2	0.8%	3	0.6%
Physician Assistant	2	0.9%			2	0.4%
Radiography - associated courses			1	0.4%	1	0.2%
Surgical Tech			1	0.4%	1	0.2%
Courses remaining to complete major in:						
Nursing (RN)			2	0.8%	2	0.4%
Industrial/Engineering Technologies						
Electronics	1	0.5%	1	0.4%	2	0.4%
Electronics - Biomedical			1	0.4%	1	0.2%
Electronics - Design			1	0.4%	1	0.2%
Plastics			2	0.8%	2	0.4%
Technical courses			1	0.4%	1	0.2%
Welding			1	0.4%	1	0.2%
Courses remaining to complete major in:						
Civil Tech	1	0.5%			1	0.2%
Manufacturing Engineering Tech (BS)	1	0.5%			1	0.2%
Plastics (BS)	1	0.5%			1	0.2%
Welding (BS)	1	0.5%			1	0.2%
Integrated Studies						
Art			1	0.4%	1	0.2%
Art - Advanced Ceramics			1	0.4%	1	0.2%
Biology - Anatomy/Physiology	3	1.4%			3	0.6%
Biology (evening)			1	0.4%	1	0.2%
Early Childhood Ed	1	0.5%			1	0.2%
Education - Elementary	1	0.5%			1	0.2%
Education - Secondary	1	0.5%			1	0.2%
English - Communications			1	0.4%	1	0.2%
English - Composition	1	0.5%			1	0.2%
Foreign Language			1	0.4%	1	0.2%
Foreign Language - Spanish II			1	0.4%	1	0.2%
Geology			1	0.4%	1	0.2%
Graphic Design - Corporate Identity (CID)			1	0.4%	1	0.2%
Human Services	1	0.5%	2	0.8%	3	0.6%
Human Services (BS)			1	0.4%	1	0.2%
Human Services - Criminal Justice	1	0.5%			1	0.2%
Human Services - Criminal Justice (BS)	1	0.5%			1	0.2%
Mathematics			1	0.4%	1	0.2%
Mathematics - Algebra			1	0.4%	1	0.2%
Mathematics - Calculus	1	0.5%			1	0.2%
Mathematics - Differential Equations	1	0.5%			1	0.2%
Mathematics - Statistics	1	0.5%			1	0.2%
Music - Theory	1	0.5%			1	0.2%
Photography			2	0.8%	2	0.4%
Physics	4	1.8%	2	0.8%	6	1.3%
Psychology			2	0.8%	2	0.4%
Psychology - Advanced			1	0.4%	1	0.2%
Science			2	0.8%	2	0.4%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 20
INTEREST IN TAKING
OTHER COURSES
1996 - 1994

	1996		1994		Total 1996 & 1994	
Interest in taking other courses	N	%	N	%	N	%
Sociology			2	0.8%	2	0.4%
Special Education	1	0.5%			1	0.2%
Courses remaining to complete major in:						
Advertising Art	1	0.5%	1	0.4%	2	0.4%
General Studies			4	1.6%	4	0.9%
Human Services	3	1.4%	2	0.8%	5	1.1%
Natural Resource Management/ Transportation Technologies						
Automotive Teacher Certification	1	0.5%			1	0.2%
Automotive Technology	1	0.5%			1	0.2%
Forestry			1	0.4%	1	0.2%
Forestry - Wildfires			1	0.4%	1	0.2%
Horticulture			1	0.4%	1	0.2%
Courses remaining to complete major in:						
Diesel Technician			1	0.4%	1	0.2%
Diesel Technology	1	0.5%	1	0.4%	2	0.4%
Heavy Construction Equipment Technicia	1	0.5%			1	0.2%
Landscape/Nursery Tech	1	0.5%	1	0.4%	2	0.4%
North Campus						
Biology - Anatomy/Physiology			1	0.4%	1	0.2%
Business Management	2	0.9%	1	0.4%	3	0.6%
Computer Info Systems			1	0.4%	1	0.2%
Early Childhood Ed			2	0.8%	2	0.4%
Education			1	0.4%	1	0.2%
English - Composition			1	0.4%	1	0.2%
Foreign Language - French			1	0.4%	1	0.2%
History - Pop Culture			1	0.4%	1	0.2%
Human Services			2	0.8%	2	0.4%
Legal Assistant - Administrative Law			1	0.4%	1	0.2%
Legal Assistant - Constitutional Law			1	0.4%	1	0.2%
Office Tech - Medical			1	0.4%	1	0.2%
Courses remaining to complete major in:						
Business Management			1	0.4%	1	0.2%
Other						
Veterinary Medicine Assistant			1	0.4%	1	0.2%
Undecided/no response	27	12.2%	33	13.5%	60	12.8%
Total Responses/Response Rate	222	58.7%	245	66.2%	467	62.4%
Not given	156	41.3%	125	33.8%	281	37.6%
TOTAL SURVEY RESPONDENTS	378	100.0%	370	100.0%	748	100.0%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 21
EMPLOYMENT STATUS WHILE AT PENN COLLEGE
EXPECTED vs. ACTUAL
1996 - 1994

	Expected Employment While at Penn College 1996												1994	
	None		< 20 Hrs/Wk		20+ Hrs/Wk		Full-Time		Not given		Total		Total	
Actual Employment while at Penn College	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Unemployed (none)	37	58%	35	41%	11	26%	2	6%	3	16%	88	36%	105	38%
Hours per Week Employed														
1-10	4	6%	9	10%	2	5%	0	0%	1	5%	16	7%	20	7%
11-20	9	14%	20	23%	12	29%	1	3%	7	37%	49	20%	46	17%
21-35	8	13%	16	19%	9	21%	2	6%	0	0%	35	14%	51	19%
35 +	6	9%	6	7%	8	19%	29	85%	8	42%	57	23%	52	19%
Employed Sub-Total	27	42%	51	59%	31	74%	32	94%	16	84%	157	64%	169	62%
Total Responses/Response Rate	64	56%	86	61%	42	50%	34	59%	19	50%	245	56%	274	57%
Not given	51	44%	56	39%	42	50%	24	41%	19	50%	192	44%	208	43%
TOTAL SURVEY RESPONDENTS	115	26%	142	32%	84	19%	58	13%	38	9%	437	100%	482	100%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 22
LEAVER PLACEMENT
STATUS
1996 - 1994

	1996		1994	
Placement Status	N	%	N	%
Employed				
Full-Time	198	49.6%	184	43.2%
Part-Time	36	9.0%	46	10.8%
Total Employed	234	58.6%	230	54.0%
Military Service	7	1.8%	9	2.1%
Continuing Education	114	28.6%	128	30.0%
Unemployed, seeking employment	20	5.0%	26	6.1%
Unavailable for employment	24	6.0%	33	7.7%
TOTAL SURVEY RESPONDENTS	399	100.0%	426	100.0%

TABLE 23
EMPLOYED LEAVERS -
RELATIONSHIP OF EMPLOYMENT TO MAJOR
1996 - 1994

	1996			1994		
Job-Major Relation	N	% of Employed	% of all Leavers	N	% of Employed	% of all Leavers
Directly Related	90	39.0%	22.6%	82	37.6%	19.2%
Indirectly Related	42	18.2%	10.5%	49	22.5%	11.5%
Not Related	99	42.9%	24.8%	87	39.9%	20.4%
Total Responses/Response Rate	231	95.9%		218	91.2%	
Not given	10	4.1%	2.5%	21	8.8%	4.9%
Total Employed (incl. Military)	241	100.0%	60.4%	239	100.0%	56.1%
Unemployed/Continuing Education	158		39.6%	187		43.9%
TOTAL SURVEY RESPONDENTS	399		100.0%	426		100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 24
EMPLOYED LEAVERS -
EMPLOYER LOCATION BY GEOGRAPHIC AREA & COUNTY
1996 - 1994

		1996		1994	
GEOGRAPHIC AREA/ County		N	%	N	%
IN-STATE/					
IMMEDIATE (NORTHCENTRAL) AREA					
41	Lycoming	62	31.0%	71	37.6%
8	Bradford	1	0.5%	5	2.6%
18	Clinton	8	4.0%	5	2.6%
47	Montour	2	1.0%	1	0.5%
49	Northumberland	11	5.5%	4	2.1%
53	Potter	2	1.0%	1	0.5%
55	Snyder	7	3.5%	2	1.1%
57	Sullivan	1	0.5%	0	0.0%
59	Tioga	10	5.0%	13	6.9%
60	Union	3	1.5%	9	4.8%
IMMEDIATE AREA SUB-TOTAL		107	53.5%	111	58.7%
NORTHEAST AREA					
6	Berks	3	1.5%	1	0.5%
13	Carbon		0.0%	0	0.0%
19	Columbia	3	1.5%	3	1.6%
35	Lackawanna		0.0%	1	0.5%
39	Lehigh	1	0.5%	3	1.6%
40	Luzerne	4	2.0%	1	0.5%
45	Monroe		0.0%	2	1.1%
48	Northampton		0.0%	1	0.5%
52	Pike		0.0%	0	0.0%
54	Schuylkill	1	0.5%	4	2.1%
58	Susquehanna		0.0%	0	0.0%
64	Wayne	1	0.5%	1	0.5%
66	Wyoming	2	1.0%	0	0.0%
AREA SUB-TOTAL		15	7.5%	17	9.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 24
EMPLOYED LEAVERS -
EMPLOYER LOCATION BY GEOGRAPHIC AREA & COUNTY
1996 - 1994

GEOGRAPHIC AREA/ County		1996 N	1996 %	1994 N	1994 %
SOUTHEAST AREA					
1	Adams	1	0.5%	0	0.0%
9	Bucks	3	1.5%	1	0.5%
15	Chester	4	2.0%	3	1.6%
21	Cumberland	2	1.0%	4	2.1%
22	Dauphin	5	2.5%	6	3.2%
23	Delaware		0.0%	0	0.0%
28	Franklin	2	1.0%	1	0.5%
36	Lancaster	1	0.5%	3	1.6%
38	Lebanon	1	0.5%	1	0.5%
46	Montgomery	4	2.0%	2	1.1%
50	Perry		0.0%	0	0.0%
51	Philadelphia		0.0%	2	1.1%
67	York	4	2.0%	2	1.1%
AREA SUB-TOTAL		27	13.5%	25	13.2%
CENTRAL AREA					
5	Bedford		0.0%	0	0.0%
7	Blair	5	2.5%	2	1.1%
11	Cambria	1	0.5%	1	0.5%
12	Cameron		0.0%		0.0%
14	Centre	12	6.0%	6	3.2%
17	Clearfield	2	1.0%	2	1.1%
24	Elk	6	3.0%	2	1.1%
27	Forest		0.0%	0	0.0%
29	Fulton		0.0%	0	0.0%
31	Huntingdon	1	0.5%	0	0.0%
34	Juniata		0.0%	0	0.0%
42	Mc Kean		0.0%	0	0.0%
44	Mifflin	3	1.5%	1	0.5%
56	Somerset	1	0.5%	1	0.5%
62	Warren	1	0.5%	0	0.0%
AREA SUB-TOTAL		32	16.0%	15	7.9%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 24
EMPLOYED LEAVERS -
EMPLOYER LOCATION BY GEOGRAPHIC AREA & COUNTY
1996 - 1994

GEOGRAPHIC AREA/ County		1996 N	1996 %	1994 N	1994 %
WEST AREA					
2	Allegheny	1	0.5%	1	0.5%
3	Armstrong		0.0%	0	0.0%
4	Beaver		0.0%	0	0.0%
10	Butler		0.0%	2	1.1%
16	Clarion		0.0%	1	0.5%
20	Crawford	3	1.5%	0	0.0%
25	Erie		0.0%	0	0.0%
26	Fayette		0.0%	0	0.0%
30	Greene		0.0%	0	0.0%
32	Indiana		0.0%	0	0.0%
33	Jefferson	1	0.5%	0	0.0%
37	Lawrence		0.0%	0	0.0%
43	Mercer		0.0%	0	0.0%
61	Venango	1	0.5%	0	0.0%
63	Washington		0.0%	0	0.0%
65	Westmoreland		0.0%	1	0.5%
AREA SUB-TOTAL		6	3.0%	5	2.6%
IN-STATE SUB-TOTAL		187	93.5%	173	91.5%
OUT-OF-STATE		13	6.5%	16	8.5%
INTERNATIONAL			0.0%		0.0%
Total Responses/Response Rate		200	83.0%	189	79.1%
	Not given	41	17.0%	50	20.9%
TOTAL EMPLOYED LEAVERS		241	100.0%	239	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 25
EMPLOYED LEAVERS -
ANNUAL FULL-TIME SALARIES
1996 - 1994

Salary (reported to nearest $1000)	1996 N	1996 %	1994 N	1994 %
Under $10,000	4	5.2%	7	9.0%
$10,000	3	3.9%	1	1.3%
$11,000	2	2.6%	5	6.4%
$12,000	4	5.2%	8	10.3%
$13,000	5	6.5%	2	2.6%
$14,000	2	2.6%	2	2.6%
$10,000-$14,000 Sub-Total	16	20.8%	18	23.1%
$15,000	5	6.5%	6	7.7%
$16,000	6	7.8%	6	7.7%
$17,000	1	1.3%	12	15.4%
$18,000	5	6.5%	2	2.6%
$19,000	1	1.3%	1	1.3%
$15,000-$19,000 Sub-Total	18	23.4%	27	34.6%
$20,000	7	9.1%	5	6.4%
$21,000	2	2.6%	1	1.3%
$22,000	1	1.3%	4	5.1%
$23,000	1	1.3%	2	2.6%
$24,000	2	2.6%	0	0.0%
$20,000-$24,000 Sub-Total	13	16.9%	12	15.4%
$25,000	3	3.9%	4	5.1%
$26,000	5	6.5%	0	0.0%
$27,000	2	2.6%	0	0.0%
$28,000	2	2.6%	2	2.6%
$29,000	0	0.0%	1	1.3%
$25,000-$29,000 Sub-Total	12	15.6%	7	9.0%
$30,000 +	14	18.2%	7	9.0%
Total Responses/Response Rate	77	37.6%	78	40.4%
Not given	128	62.4%	115	59.6%
TOTAL FULL-TIME EMPLOYED LEAVERS	205	100.0%	193	100.0%

Full-Time Salary - Low	$ 7,600	$ 5,400
Full-Time Salary - Median	$ 19,500	$ 16,820
Full-Time Salary - Average	$ 21,286	$ 17,821
Full-Time Salary - High	$ 50,000	$ 45,000

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 26
EMPLOYED LEAVERS -
EFFECT OF COURSES TAKEN
1996 - 1994

	1996		1994	
Effect of courses on job	N	%	N	%
Little/no effect on job	83	48.8%	88	49.2%
Positive effect on job/Helped:	87	51.2%	91	50.8%
Obtain employment	37	21.8%	47	26.3%
Performance	44	25.9%	53	29.6%
Advancement (promotion/salary raise)	25	14.7%	23	12.8%
Other miscellaneous effects	3	1.8%	4	2.2%
Total Responses/Response Rate	170	70.5%	179	74.9%
Not given	71	29.5%	60	25.1%
TOTAL EMPLOYED LEAVERS	241	100.0%	239	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 27
EMPLOYED LEAVERS -
USEFULNESS OF PENN COLLEGE EDUCATION TO JOB PERFORMANCE
1996 - 1994

		1996		1994	
	Usefulness of education	N	%	N	%
1.	Of no use	39	22.9%	47	26.6%
2.	Of little use	37	21.8%	38	21.5%
3.	Useful	64	37.6%	51	28.8%
4.	Very useful	30	17.6%	41	23.2%
	Total Responses/Response Rate	170	70.5%	177	74.1%
	Not given	71	29.5%	62	25.9%
TOTAL EMPLOYED LEAVERS		241	100.0%	239	100.0%
	Average Rating		2.50		2.49

TABLE 28
EMPLOYED LEAVERS -
RECOMMEND COURSES TO OTHERS IN FIELD
1996 - 1994

		1996		1994	
	Recommend courses	N	%	N	%
1.	Yes, Recommended	78	47.6%	80	44.2%
2.	Undecided	46	28.0%	65	35.9%
3.	Not Recommended	40	24.4%	36	19.9%
	Total Responses/Response Rate	164	68.0%	181	75.7%
	Not given	77	32.0%	58	24.3%
TOTAL EMPLOYED LEAVERS		241	100.0%	239	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 29A
TRANSFER INSTITUTIONS
BY STATE & CATEGORY
1996 - 1994

STATE/ INSTITUTIONAL CATEGORY/ Code	Institution	1996 N	1996 %	1994 N	1994 %
IN-STATE (PA)					
STATE SYSTEM OF HIGHER EDUCATION (SSHE)					
11	Bloomsburg U	7	7.4%	8	9.0%
12	California U		0.0%	1	1.1%
14	Clarion U	1	1.1%		0.0%
16	Edinboro U	2	2.1%	1	1.1%
17	Indiana U (IUP)	2	2.1%	3	3.4%
19	Lock Haven U	10	10.5%	10	11.2%
20	Mansfield U	9	9.5%	3	3.4%
21	Millersville U		0.0%	1	1.1%
22	Shippensburg U	1	1.1%	1	1.1%
23	Slippery Rock U		0.0%	1	1.1%
24	West Chester U		0.0%	2	2.2%
	SSHE Sub-Total	32	33.7%	31	34.8%
STATE-RELATED					
32	Pennsylvania State U	20	21.1%	12	13.5%
33	Pittsburgh, U of	2	2.1%	1	1.1%
34	Temple U	1	1.1%	1	1.1%
	Public 4-Year Sub-Total	55	57.9%	45	50.6%
COMMUNITY COLLEGES					
46	Harrisburg Area CC	4	4.2%	2	2.2%
49	Montgomery County CC		0.0%	1	1.1%
52	Reading Area CC	1	1.1%	1	1.1%
53	Westmoreland County CC		0.0%	1	1.1%
61	T.Stevens State School of Technology	1	1.0%		0.0%
	Public 2-Year Sub-Total	6	6.3%	5	5.6%
IN-STATE PUBLIC SUB-TOTAL		61	64.2%	50	56.2%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 29A
TRANSFER INSTITUTIONS
BY STATE & CATEGORY
1996 - 1994

STATE/ INSTITUTIONAL CATEGORY/ Code	Institution	1996 N	1996 %	1994 N	1994 %
PRIVATE COLLEGES & UNIVERSITIES					
113	Bucknell U	2	2.1%	5	5.6%
120	College Misericordia	2	2.1%		0.0%
129	Gannon U	1	1.1%		0.0%
139	Kings College	1	1.1%		0.0%
146	Lycoming College	4	4.2%	9	10.1%
158	Point Park College	1	1.1%		0.0%
180	Wilkes U		0.0%	1	1.1%
181	Wilson College		0.0%	1	1.1%
182	York College of PA	1	1.1%		0.0%
	Private 4-Year Sub-Total	12	12.6%	16	18.0%
JUNIOR COLLEGES					
252	Keystone JC		0.0%	1	1.1%
253	Lackawanna JC		0.0%	1	1.1%
SPECIAL ASSOCIATE DEGREE GRANTING					
306	Art Institute of Philadelphia		0.0%	1	1.1%
333	International Correspondence School	1	1.1%		0.0%
335	Johnson Technical Institute	1	1.1%		0.0%
350	NEC - Vale Tech	1	1.1%		0.0%
382 (a	Newport Business Institute	1	1.1%	1	1.1%
369	Pittsburg Institute of Mortuary Science		0.0%	1	1.1%
377	Triangle Tech		0.0%	1	1.1%
MISCELLANEOUS INSTITUTIONS					
426	Geisinger Medical Center	3	3.2%	4	4.5%
	miscellaneous AVTS	2	2.1%		0.0%
	miscellaneous Hospitals/Nursing schools		0.0%	1	1.1%
	other miscellaneous		0.0%		0.0%
	Private 2-Year Sub-Total	9	9.5%	11	12.4%
IN-STATE PRIVATE SUB-TOTAL		21	22.1%	27	30.3%
IN-STATE 4-YEAR SUB-TOTAL		67	70.5%	61	68.5%
IN-STATE 2-YEAR SUB-TOTAL		15	15.8%	16	18.0%
IN-STATE SUB-TOTAL		82	86.3%	77	86.5%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 29A
TRANSFER INSTITUTIONS
BY STATE & CATEGORY
1996 - 1994

STATE/ INSTITUTIONAL CATEGORY/	Code	Institution	1996 N	1996 %	1994 N	1994 %
OUT-OF-STATE						
CO	536	Colorado State U		0.0%	1	1.1%
CO	538	Pikes Peak CC	1	1.1%		0.0%
DC	564	Howard U	1	1.1%		0.0%
FL	585	Florida Institute of Physical Therapy	1	1.1%		0.0%
IL	610	St Louis U - Parks College		0.0%	1	1.1%
IN	619	Purdue U		0.0%	1	1.1%
IN	625	Taylor U	1	1.1%		0.0%
IO	626	Palmer College of Chiropractic		0.0%	1	1.1%
MD	671	Allegany CC	1	1.1%		0.0%
MA	695	Newbury College		0.0%	1	1.1%
MN	714	Winona State U	1	1.1%		0.0%
NJ	766	Atlantic City CC	1	1.1%		0.0%
NM	772	New Mexico State U		0.0%	1	1.1%
NY	790	Arnot-Ogden Hospital		0.0%	1	1.1%
NY	779	Corning CC	1	1.1%		0.0%
NY	792	Houghton College		0.0%	1	1.1%
NY	781	Jamestown CC	1	1.1%		0.0%
NY	791	Practical Bible Training School		0.0%	1	1.1%
NC	805	Albemarle, College of the	1	1.1%		0.0%
OH	821	Cedarville College		0.0%	1	1.1%
OH	831	Ohio Dominican College	1	1.1%		0.0%
OH	830	Ohio U		0.0%	1	1.1%
VA	908	George Mason U	1	1.1%		0.0%
VA	901	Liberty U	1	1.1%		0.0%
WV	930	West Virginia U		0.0%	1	1.1%
OUT-OF-STATE SUB-TOTAL			13	13.7%	12	13.5%
Total Responses/Response Rate			95	94.1%	89	82.4%
	999	Not given	6	5.9%	19	17.6%
TOTAL TRANSFER LEAVERS			101	88.6%	108	84.4%
	1	Penn College (Spring reenrollees)	13	11.4%	20	15.6%
TOTAL CONTINUING EDUCATION			114	100.0%	128	100.0%

(a) Formerly Williamsport School of Commerce

100

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 29B
TRANSFER LEAVERS -
TRANSFER MAJORS
1996 - 1994

	1996		1994		Total 1996 & 1994	
Transfer Majors	N	%	N	%	N	%
AGRICULTURE/NATURAL RESOURCES						
Environmental Studies		0.0%	1	1.2%	1	0.6%
Forest Science	1	1.2%		0.0%	1	0.6%
Landscaping		0.0%	1	1.2%	1	0.6%
Sub-Total	1	1.2%	2	2.4%	3	1.8%
ARCHITECTURE						
Architecture	3	3.5%		0.0%	3	1.8%
Landscape Architecture		0.0%	1	1.2%	1	0.6%
Sub-Total	3	3.5%	1	1.2%	4	2.4%
MARKETING						
Fashion Merchandising		0.0%	1	1.2%	1	0.6%
COMMUNICATIONS						
Communications	1	1.2%		0.0%	1	0.6%
Journalism	1	1.2%		0.0%	1	0.6%
Mass Communications	1	1.2%	2	2.4%	3	1.8%
Public Relations	1	1.2%		0.0%	1	0.6%
Sub-Total	4	4.7%	2	2.4%	6	3.5%
COMPUTER SCIENCE						
Computer Science	2	2.4%		0.0%	2	1.2%
PERSONAL/MISCELLANEOUS SERVICES						
Food/Hospitality Management	1	1.2%		0.0%	1	0.6%
Mortuary Science		0.0%	1	1.2%	1	0.6%
EDUCATION						
Art Education	1	1.2%		0.0%	1	0.6%
Early Childhood Education		0.0%	2	2.4%	2	1.2%
Early Childhood/Elementary Education		0.0%	1	1.2%	1	0.6%
Education	1	1.2%	1	1.2%	2	1.2%
Elementary Education	4	4.7%	4	4.7%	8	4.7%
Secondary Education-History		0.0%	1	1.2%	1	0.6%
Secondary Education-Social Studies		0.0%	1	1.2%	1	0.6%
Special Education		0.0%	1	1.2%	1	0.6%
Vocational Education		0.0%	2	2.4%	2	1.2%
Sub-Total	6	7.1%	13	15.3%	19	11.2%
ENGINEERING/RELATED TECHNOLOGIES						
Automotive Technology	2	2.4%	1	1.2%	3	1.8%
Biomedical Engineering Tech		0.0%	1	1.2%	1	0.6%
Civil Engineering	1	1.2%	2	2.4%	3	1.8%
Electrical Engineering	1	1.2%	1	1.2%	2	1.2%
Electrical Engineering Tech		0.0%	1	1.2%	1	0.6%
Geo-Environmental Engineering	1	1.2%		0.0%	1	0.6%
Industrial Technology		0.0%	1	1.2%	1	0.6%
Mechanical Engineering	1	1.2%	1	1.2%	2	1.2%
Pre-Engineering	1	1.2%		0.0%	1	0.6%
Structural Design/Construction Engineering Tech	1	1.2%		0.0%	1	0.6%
Sub-Total	8	9.4%	8	9.4%	16	9.4%
HOME ECONOMICS						
Human Development & Family Studies	1	1.2%		0.0%	1	0.6%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 29B
TRANSFER LEAVERS -
TRANSFER MAJORS
1996 - 1994

Transfer Majors	1996 N	1996 %	1994 N	1994 %	Total 1996 & 1994 N	Total 1996 & 1994 %
LAW/ENGLISH/LIBERAL ARTS						
English	2	2.4%	1	1.2%	3	1.8%
General Studies	2	2.4%		0.0%	2	1.2%
Law	1	1.2%		0.0%	1	0.6%
Undergraduate Studies	1	1.2%	1	1.2%	2	1.2%
Sub-Total	6	7.1%	2	2.4%	8	4.7%
BIOLOGICAL/LIFE SCIENCES						
Biology	2	2.4%	1	1.2%	3	1.8%
Biology/Environmental Science		0.0%	1	1.2%	1	0.6%
Marine Biology		0.0%	1	1.2%	1	0.6%
Sub-Total	2	2.4%	3	3.5%	5	2.9%
MULTI/INTERDISCIPLINARY STUDIES						
Cross-Disciplinary	1	1.2%		0.0%	1	0.6%
Engineering & Liberal Arts		0.0%	1	1.2%	1	0.6%
PARKS/RECREATION/LEISURE/FITNESS STUDIES						
Health/Physical Education		0.0%	2	2.4%	2	1.2%
Recreation/Parks-Golf Management		0.0%	1	1.2%	1	0.6%
Recreation-Fitness Management		0.0%	1	1.2%	1	0.6%
Sub-Total	0	0.0%	4	4.7%	4	2.4%
THEOLOGICAL/RELIGIOUS STUDIES						
Youth Ministry		0.0%	1	1.2%	1	0.6%
PSYCHOLOGY						
Psychology	4	4.7%	2	2.4%	6	3.5%
PROTECTIVE/PUBLIC SERVICES						
Criminal Justice	1	1.2%	1	1.2%	2	1.2%
Criminal Justice/Human Services	1	1.2%		0.0%	1	0.6%
Criminal Justice/Police Science	1	1.2%	1	1.2%	2	1.2%
Police Science		0.0%	1	1.2%	1	0.6%
Social Work	1	1.2%	2	2.4%	3	1.8%
Sub-Total	4	4.7%	5	5.9%	9	5.3%
SOCIAL SCIENCES						
History	1	1.2%		0.0%	1	0.6%
International Relations		0.0%	1	1.2%	1	0.6%
Political Science	1	1.2%		0.0%	1	0.6%
Sociology		0.0%	1	1.2%	1	0.6%
Sociology/Anthropology	1	1.2%		0.0%	1	0.6%
Sociology/Criminal Justice	1	1.2%		0.0%	1	0.6%
Sub-Total	4	4.7%	2	2.4%	6	3.5%
CONSTRUCTION TRADES						
Construction Management		0.0%	1	1.2%	1	0.6%
MECHANICS/REPAIRERS						
Aviation Mechanics Management		0.0%	1	1.2%	1	0.6%
Heavy Equipment/Commercial Drivers License (CDL)	1	1.2%		0.0%	1	0.6%
High Performance Engines & Machinery	1	1.2%		0.0%	1	0.6%
Sub-Total	2	2.4%	1	1.2%	3	1.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY
TABLE 29B
TRANSFER LEAVERS -
TRANSFER MAJORS
1996 - 1994

	1996		1994		Total 1996 & 1994	
Transfer Majors	N	%	N	%	N	%
PRECISION PRODUCTION TRADES						
Computer-Aided Drafting (CAD)		0.0%	1	1.2%	1	0.6%
Computer-Aided Drafting/Design		0.0%	1	1.2%	1	0.6%
Welding	1	1.2%		0.0%	1	0.6%
Wood Products-Business/Marketing	1	1.2%		0.0%	1	0.6%
Sub-Total	2	2.4%	2	2.4%	4	2.4%
VISUAL ARTS						
Art	1	1.2%		0.0%	1	0.6%
Fine Arts		0.0%	1	1.2%	1	0.6%
Fine Arts-Television	1	1.2%		0.0%	1	0.6%
Video Production		0.0%	1	1.2%	1	0.6%
Sub-Total	2	2.4%	2	2.4%	4	2.4%
HEALTH SCIENCES						
Acupuncture		0.0%	1	1.2%	1	0.6%
Chiropractic		0.0%	1	1.2%	1	0.6%
Clinical Laboratory Science	1	1.2%		0.0%	1	0.6%
Health Science	1	1.2%	1	1.2%	2	1.2%
Human Services		0.0%	1	1.2%	1	0.6%
Nursing	2	2.4%	5	5.9%	7	4.1%
Nursing (BSN)	1	1.2%	6	7.1%	7	4.1%
Nursing (LPN)	1	1.2%		0.0%	1	0.6%
Nursing (RN)	3	3.5%	3	3.5%	6	3.5%
Occupational Therapy	3	3.5%		0.0%	3	1.8%
Physical Therapy	2	2.4%	1	1.2%	3	1.8%
Physician Assistant	2	2.4%		0.0%	2	1.2%
Radiography	1	1.2%		0.0%	1	0.6%
Respiratory Therapy	1	1.2%		0.0%	1	0.6%
Speech Communication		0.0%	1	1.2%	1	0.6%
Sub-Total	18	21.2%	20	23.5%	38	22.4%
BUSINESS						
Accounting	2	2.4%	1	1.2%	3	1.8%
Business	1	1.2%	1	1.2%	2	1.2%
Business-Economics/Finance	1	1.2%	1	1.2%	2	1.2%
Business Administration	2	2.4%	2	2.4%	4	2.4%
Business Information Systems	1	1.2%		0.0%	1	0.6%
Management	1	1.2%	1	1.2%	2	1.2%
Marketing	1	1.2%	2	2.4%	3	1.8%
Microcomputers-Business (certificate)	1	1.2%		0.0%	1	0.6%
Office Administration-Executive		0.0%	1	1.2%	1	0.6%
Office Administration-Medical	1	1.2%		0.0%	1	0.6%
Sub-Total	11	12.9%	9	10.6%	20	11.8%
OTHER						
Non-degree	2	2.4%		0.0%	2	1.2%
Undeclared	1	1.2%	2	2.4%	3	1.8%
Total Responses/Response Rate	85	84.2%	85	78.7%	170	81.3%
Not given	16	15.8%	23	21.3%	39	18.7%
TOTAL TRANSFERS	101	100.0%	108	100.0%	209	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 30
TRANSFER LEAVERS -
FULL/PART-TIME CREDIT LOAD
1996 - 1994

	1996		1994	
Credit Load	N	%	N	%
Full-time	82	78.1%	81	75.7%
Part-time	23	21.9%	26	24.3%
Total Responses/Response Rate	105	92.1%	107	83.6%
Not given	9	7.9%	21	16.4%
TOTAL TRANSFER LEAVERS	114	100.0%	128	100.0%

TABLE 31
TRANSFER LEAVERS -
CLASS STANDING
1996 - 1994

	1996		1994	
Class Standing	N	%	N	%
Freshman	26	29.2%	31	31.0%
Sophomore	32	36.0%	48	48.0%
Junior	20	22.5%	17	17.0%
Senior	5	5.6%	4	4.0%
Graduate Student	6	6.7%	0	0.0%
Total Responses/Response Rate	89	78.1%	100	78.1%
Not given	25	21.9%	28	21.9%
TOTAL TRANSFER LEAVERS	114	100.0%	128	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 32
TRANSFER LEAVERS -
PLANNED TO TRANSFER PRIOR TO GRADUATION
1996 - 1994

		1996		1994	
	Planned to Transfer	N	%	N	%
1.	Yes, planned to transfer	41	49.4%	38	46.9%
3.	Unsure	12	14.5%	12	14.8%
2.	No, didn't plan to transfer	30	36.1%	31	38.3%
	Total Responses/Response Rate	83	72.8%	81	63.3%
	Not given	31	27.2%	47	36.7%
TOTAL TRANSFER LEAVERS		114	100.0%	128	100.0%

TABLE 33
TRANSFER LEAVERS -
TRANSFER PREPARATION AT PENN COLLEGE
1996 - 1994

		1996		1994	
	How well Penn College prepared Leaver for continuing ed	N	%	N	%
1.	Very poorly	8	10.0%	1	1.3%
2.	Poorly	7	8.8%	8	10.5%
3.	Well	50	62.5%	53	69.7%
4.	Very well	15	18.8%	14	18.4%
	Total Responses/Response Rate	80	70.2%	76	59.4%
	Not given	34	29.8%	52	40.6%
TOTAL TRANSFER LEAVERS		114	100.0%	128	100.0%
	Average Rating		2.90		3.05

PENNSYLVANIA COLLEGE OF TECHNOLOGY
LEAVER SURVEY

TABLE 34
TRANSFER LEAVERS -
TRANSFER PROBLEMS
1996 - 1994

	1996		1994	
Transfer Problems	N	%	N	%
No Transfer Problems	50	62.5%	58	69.9%
Biggest Transfer Problem:				
Transferring Credits	15	18.8%	16	19.3%
Transcript	10	12.5%	6	7.2%
Admission	1	1.3%	0	0.0%
Other miscellaneous problems	4	5.0%	3	3.6%
Total Transfer Problems	30	37.5%	25	30.1%
Total Responses/Response Rate	80	70.2%	83	64.8%
Not given	34	29.8%	45	35.2%
TOTAL TRANSFER LEAVERS	114	100.0%	128	100.0%

TABLE 35
TRANSFER LEAVERS -
CREDITS NOT ACCEPTED
1996 - 1994

	1996		1994	
Credits Lost	N	%	N	%
0 (all credits accepted)	33	42.3%	24	29.6%
1 - 3	13	16.7%	19	23.5%
4 - 6	9	11.5%	11	13.6%
7 - 12	15	19.2%	10	12.3%
13 - 21	4	5.1%	12	14.8%
21 +	4	5.1%	5	6.2%
Total Responses/Response Rate	78	68.4%	81	63.3%
Not given	36	31.6%	47	36.7%
TOTAL TRANSFER LEAVERS	114	100.0%	128	100.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY

1996
LEAVER SURVEY

APPENDICES

PENNSYLVANIA COLLEGE OF TECHNOLOGY (Penn College)
1996 LEAVER FOLLOW-UP

********** SECTION A **********

1. What was your PRIMARY objective in attending our college? (Choose one)

___ 1. Upgrading Current Job Skills
___ 2. Preparation for First Job
___ 3. Retraining for New Job
___ 4. Transfer to 4-Year College
___ 5. Personal Interest
___ 6. Other (describe)_____

2. Use the following list and corresponding numbers to indicate up to three reasons why you did NOT re-enroll at the College.

Major Reason _____ Second Reason _____ Third Reason _____

1. Finished Needed Courses
2. Travel Distance
3. Enrolled in Another College (transfer)
4. Satisfactory Employment
5. Work/Class Time Conflict
6. Personal Financial Problems
7. Poor Housing
8. Relocated (moved)
9. Grade Problems
10. Poor Instruction
11. Course Content
12. Personal/Family Reasons
13. Health Problems
14. Unsatisfactory Advisor/ Counselor
15. Program Unavailable
16. Unsure Career Goals
17. Study Time Required
18. Inconvenient Course Times
19. Tuition and Costs
20. Other:_____

3. What is your present employment status? (Choose one)

____1. Employed Full-Time
___ 2. Employed Part-Time
___ 3. Unemployed, Seeking Employment
___ 4. Military Service
___ 5. Continuing Education
___ 6. Unavailable for Employment (describe)_____

4. How satisfied were you with your educational experience at Penn College? (Choose one)

___ 1. Very Disappointed
___ 2. Disappointed
___ 3. Satisfied
___ 4. Very Satisfied

5. How satisfied were you with your social experience while at Penn College? (Choose one)

___ 1. Very Disappointed
___ 2. Disappointed
___ 3. Satisfied
___ 4. Very Satisfied

6. How well did the courses in your major meet your needs?

	Very Poor	Poor	Good	Very Good	Does Not Apply
a. Instructional Quality	___	___	___	___	___
b. Grading/Testing	___	___	___	___	___
c. Instructor Interest	___	___	___	___	___
d. Course Content	___	___	___	___	___
e. Instructional Films/Tapes/etc.	___	___	___	___	___
f. Hands-on Equipment	___	___	___	___	___
g. Class Size	___	___	___	___	___

7. How well did the following college services meet your needs?

	Very Poor	Poor	Good	Very Good	Does Not Apply
a. Admissions Procedures	___	___	___	___	___
b. Financial Aid Services	___	___	___	___	___
c. Academic Advisement	___	___	___	___	___
d. Student Records/Scheduling	___	___	___	___	___
e. Billing/Payment Procedure	___	___	___	___	___
f. Student Orientaton	___	___	___	___	___
g. Tutoring Center/Computer Lab	___	___	___	___	___
h. Counseling	___	___	___	___	___
i. Placement Test Day	___	___	___	___	___
j. Library Materials & Services	___	___	___	___	___
k. College Store Services/Prices	___	___	___	___	___
l. Food Service & Prices	___	___	___	___	___
m. Student Activities	___	___	___	___	___
n. Athletics/Fitness Center	___	___	___	___	___
o. Parking	___	___	___	___	___
p. Computer Labs	___	___	___	___	___
q. Child Care Center	___	___	___	___	___
r. Academic Support Services	___	___	___	___	___

**********SECTION B**********
EMPLOYMENT INFORMATION

1. If you are presently employed, is your job related to the program in which you majored?

___ 1. Directly Related
___ 2. Indirectly Related
___ 3. Not Related

(Over)

2. Did the courses taken at our College help you in your occupational area in any way?

___ 1. Helped to Obtain Employment
___ 2. Helped With Job Performance
___ 3. Helped With Job Advancement (promotion/salary raise)
___ 4. Little/No Effect on Job
___ 5. Other (describe)_____

3. How useful has your Penn College education been to your job performance? (Choose one)

___ 1. Of No Use ___ 3. Useful
___ 2. Of Little Use ___ 4. Very Useful

4. Would you recommend the courses you took at our College to others employed in positions similar to yours? (Choose one)

___ 1. Recommended ___ 2. Undecided ___ 3. Not Recommended

5. If you are employed, please complete the following:

Occupation/Job Title:_____
1. Employer Name:_____
Employer Location:
Street_____
City_____State___Zip_____
Telephone Number (___)_____
2. County (if in PA)_____

6. If you are employed full-time, provide your gross annual salary (before deductions) to the nearest thousand dollars.

$_____

********** SECTION C **********

COLLEGE TRANSFER INFORMATION

1. When you enrolled at our College, did you plan to transfer prior to the completion of your program? (Choose one)

___ 1. Yes ___ 2. No ___ 3. Unsure

2. What college have you enrolled in?
College Name:_____
City:_____State:_____
Major:_____

3. Did you have problems transferring to the college indicated above? (Choose the biggest problem)

___ 1. No Problems
___ 2. Yes: Transferring Credits
___ 3. Yes: Transcript Problems
___ 4. Yes: Admissions Problems
___ 5. Yes: Other (describe)_____

4. How many credits earned at our College were not accepted at your transfer college? (Choose one)

___ 1. All Credits Accepted ___ 4. Lost 7-12 Credits
___ 2. Lost 1-3 Credits ___ 5. Lost 13-21 Credits
___ 3. Lost 4-6 Credits ___ 6. Lost Over 21 Credits

5. How well did our College prepare you for continuing your education? (Choose one)

___ 1. Very Poorly ___ 3. Well
___ 2. Poorly ___ 4. Very Well

6. What is your current enrollment status and class standing?

A. STATUS
___ 1. Full-Time
___ 2. Part-Time

B. CLASS STANDING
___ 1. Freshman (1st year)
___ 2. Sophomore (2nd year)
___ 3. Junior (3rd year)
___ 4. Senior (4th year)
___ 5. Post-Graduate student

********** SECTION D **********

GENERAL INFORMATION

1. Were the courses taken at our College of any benefit to your career plans? (Choose one)

___ 1. Immediate Direct Benefit
___ 2. Long Term Direct Benefit
___ 3. Indirect Benefit
___ 4. Little/No Benefit

2. Are you interested in taking other courses at our college? (include courses not presently offered by our college)

1. Yes (what courses) _____
2. No

3. What was your employment status while you were enrolled at our college? (Choose one)

___ 1. Unemployed
___ 2. Employed 1-10 Hours/Week
___ 3. Employed 11-20 Hours/Week
___ 4. Employed 21-35 Hours/Week
___ 5. Employed over 35 Hours/Week

****

4. Please comment on how you feel educational programs, courses and student services at the Pennsylvania College of Technology could be improved.

THANK YOU FOR ASSISTING US IN THIS SURVEY. Please return this in the postage-paid envelope by January 15. If you have any questions, call 717-326-3761, extension 7567.

Pennsylvania College of Technology

PENNSTATE

One College Avenue
Williamsport, PA 17701-5799

(717) 326-3761
http://www.pct.edu

November 12, 1996

Dear :

We at the Pennsylvania College of Technology (Penn College) need your assistance in an evaluation of our programs and services. During the past school year over 4500 students attended the College. However, some students who were eligible to return this Fall decided not to enroll.

We are interested in the reasons why some of our students choose not to continue their education with us. The enclosed questionnaire presents an opportunity for you to grade various aspects of the College and to inform us of your reasons for leaving the College. Sharing your opinions with us is perhaps the most effective way to help us correct any problems and maintain our strengths to benefit future students.

The questionnaire is brief. All information will be kept strictly confidential and will be used only for institutional research. Your name, of course, will never be identified with your individual responses and is printed on the form only to allow us to contact and remind those who do not return the survey.

Please take a few minutes to complete the questionnaire and return it in the enclosed postage-paid envelope by December 02. If you have any questions concerning this study, please contact our office at 717-326-3761, extension 7567. We appreciate your valuable assistance and wish you the best in your future endeavors.

Sincerely,

Stephen Cunningham
Institutional Research Specialist

Enclosures (2)
Questionnaire
Return Envelope

An Affiliate of The Pennsylvania State University

An Equal Opportunity College

Pennsylvania College of Technology

PENNSTATE

One College Avenue
Williamsport, PA 17701-5799

(717) 326-3761
http://www.pct.edu

December 4, 1996

Dear :

Several weeks ago, you received a questionnaire from the Office of Strategic Planning and Research at the Pennsylvania College of Technology (Penn College) asking for your assistance in an evaluation of our programs and services. We are interested in the reasons why some of our students choose not to continue their education with us. The responses we have received have been very encouraging and represent perhaps the most effective way to help us correct any problems and maintain our strengths to benefit future students.

At this time we have not received your response. Would you please take a few minutes to complete the enclosed survey and return it to us in the postage-paid envelope by December 19. All responses will be kept strictly confidential.

WE WILL SOON BEGIN TO TELEPHONE THOSE WHO DO NOT RESPOND TO THIS SURVEY BECAUSE YOUR RESPONSE IS SO IMPORTANT TO US. IF YOU WOULD PREFER, SIMPLY FILL OUT THE ENCLOSED SURVEY, RATHER THAN WAITING FOR US TO TELEPHONE YOU.

If you have any questions concerning this study, please contact our office at 717-326-3761, extension 7567. Thank you for your valuable assistance.

Sincerely,

Stephen Cunningham
Institutional Research Specialist

Enclosures (2)
Questionnaire
Return Envelope

An Affiliate of The Pennsylvania State University

An Equal Opportunity College

Pennsylvania College of Technology

PENNSTATE

One College Avenue
Williamsport, PA 17701-5799

(717) 326-3761
http://www.pct.edu

December 17, 1996

Dear :

Several weeks ago, you received a questionnaire from the Office of Strategic Planning and Research at the Pennsylvania College of Technology (Penn College) asking for your assistance in an evaluation of our programs and services. We are interested in the reasons why some of our students choose not to continue their education with us. The responses we have received have been very encouraging and represent perhaps the most effective way to help us correct any problems and maintain our strengths to benefit future students.

At this time we have not received your response. Would you please take a few minutes to complete the enclosed survey and return it to us in the postage-paid envelope by January 15. All responses will be kept strictly confidential.

BECAUSE YOUR RESPONSE IS SO IMPORTANT TO US, WE WILL SOON BEGIN TO TELEPHONE THOSE WHO DO NOT RESPOND BY MAIL. IF YOU WOULD PREFER, SIMPLY FILL OUT THE ENCLOSED SURVEY, RATHER THAN WAITING FOR US TO PHONE YOU.

If you have any questions concerning this study, please contact our office at 717-326-3761, extension 7567. Thank you for your valuable assistance.

Sincerely,

Stephen Cunningham
Institutional Research Specialist

Enclosures (2)
Questionnaire
Return Envelope

An Affiliate of The Pennsylvania State University

An Equal Opportunity College